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1527 APR 13 1927

F. H. Ebeling Seeds

ESTABLISHED
1868

Everything
for the Farm
Garden
and Lawn



Poultry
and Bird
Supplies
Dog Foods



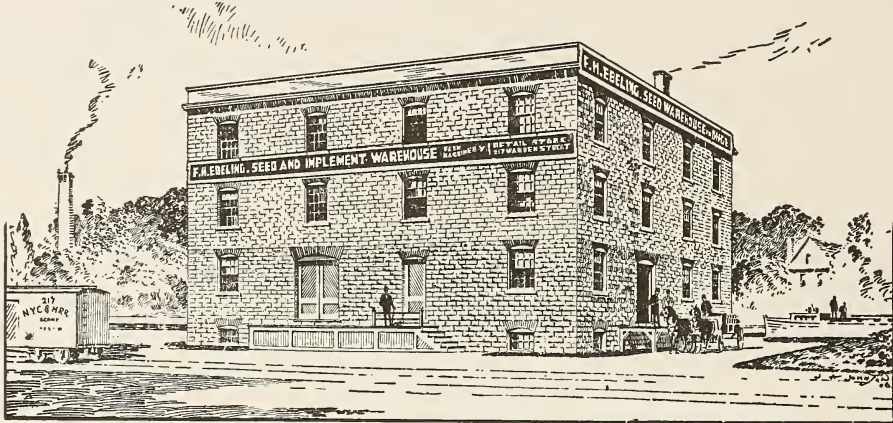
EBELING'S SEED BOOK FOR 1927

1868-1926—Fifty-eighth Annual Edition

It has always been our aim to supply only the best grade of seeds obtainable, and by a strict adherence to the principle of giving our customers the very best value for their money, has enabled us to largely increase our business from a very small beginning fifty-eight years ago. This store still remains in the same building in which it started, and is one of the best equipped Seed, Hardware and Implement Stores in Central New York.

We are organized and prepared to give you better service than ever in the fifty-eight years of business.

Many of our customers have been on our mailing list for more than half a century, and we will spare no effort to care for every order given us in such a manner that will merit the continued confidence of the purchaser.



EBELING'S Seed and Implement Warehouse, 538-540 Canal Street

Retail Store, 227 Warren Street, opposite Post Office

TO OUR CUSTOMERS AND FRIENDS:

Our Warehouse is located on three streets, Canal Street on the North, Howard Street on the West and the *New Erie Boulevard* on the South. This affords free and safe parking for our customers, away from the confusion and congestion of down town traffic.

We offer special prices on Seeds, Tools, Machinery, &c., purchased at our Warehouse for the season of 1927. You can trade there with comfort, safety and profit. Our Warehouse overhead is light and we give you the benefit of it.

USEFUL TABLES

Of Plants per Acre at the following distances apart				Number of Plants Produced from 1 oz. of Seed			
½ ft. by 1	1 ½ ft.	6 ft. by 6	8 ft.	Plants		Plants	
1 ½ ft.	19,360	8	8 ft.	Asparagus.....	about 500	Kale.....	about 2,000
" 1	21,780	9	" 9 ft.	Broccoli.....	" 2,000	Leek.....	" 1,000
" 2	10,898	10	" 10 ft.	Cabbage.....	" 3,000	Lettuce.....	" 3,000
" 2 ½ ft.	6,969	12	" 12 ft.	Cauliflower.....	" 4,000	Pepper.....	" 2,000
" 1	14,520	15	" 15 ft.	Celery.....	" 4,000	Sage.....	" 1,000
" 2 ft.	7,260	18	" 18 ft.	Egg Plant.....	" 1,000	Tomato.....	" 3,000
" 3 ft.	4,840	20	" 20 ft.	Endive.....	" 3,000	Thyme.....	" 5,000
" 4 ft.	2,722	25	" 25 ft.				
" 5 ft.	1,742	30	" 30 ft.				

SEED SOWN PER ACRE

Seed Sown per Acre	Weight per bu.	Seed Sown per Acre	Weight per bu.
Alfalfa, or Lucerne 20 to 30 lbs.	60 lbs.	Millet, ½ to ¾ bu.	50 lbs.
Barley, 1 ½ to 2 bu.	48 lbs.	Millet, Hungarian, ½ to ¾ bu.	48 lbs.
Beans, Field, ½ to ¾ bu.	60 lbs.	Millet, Japanese, ½ bu.	32 lbs.
Beans, Green Soy, ¾ bu.	60 lbs.	Oats, 2 to 3 bu.	32 lbs.
Beet, 4 to 6 lbs.		Onion, 5 to 6 lbs.	56 lbs.
Blue Grass, 2 bu.	14 lbs.	Orchard Grass, 2 bu.	14 lbs.
Bromus Inermis, 20 lbs.	14 lbs.	Peas, Field, 2 ½ bu.	60 lbs.
Buckwheat, 1 to 1 ½ bu.	48 to 50 lbs.	Peas, Cow, ½ bu.	about 50 lbs.
Cabbage, ¼ lb.		Peas, Wrinkled.....	about 50 lbs.
Carrot, 2 ½ to 3 lbs.	20 lbs.	Potatoes, 6 to 8 bu.	60 lbs.
Clover, Alsike, 5 to 10 lbs.	60 lbs.	Pumpkin Seed, 4 qts.	27 lbs.
Clover, Crimson, 15 lbs.	60 lbs.	Rape, Dwarf Essex, 4 to 6 lbs.	60 lbs.
Clover, Red, 10 to 15 lbs.	60 lbs.	Red Top, Reclidean, 15 lbs.	30 lbs.
Clover, Sweet, 25 lbs. Melilotus Alba.	60 lbs.	Rye, 1 to 2 bu., Winter and Spring	56 lbs.
Clover, White, 10-to-12 lbs.	60 lbs.	Sorghum, 1 ½ to 2 bu.	56 lbs.
Corn, Ensilage, ¼ to ½ bu.	56 lbs.	Spinach, 8 to 10 lbs. Squash, 2 ½ lbs.	
Corn, Field, ¾ bu.	56 to 60 lbs.	Sweet Vernal, 1 to 1 ½ bu.	11 lbs.
Corn, Sweet, ¾ bu.	about 45 lbs.	Timothy, ¾ to 1 ½ bu.	45 lbs.
Cucumber, 1 lb.		Turnip, 1 lb.	
Lawn Seed, 1 lb. to 250 sq. ft.	25 to 30 lbs.	Vetch, Hairy, drilled (plus 1 bu. small grain)	25 lbs.
Meadow Fescue, 2 bu.	22 lbs.	Vetch, Hairy, broadcast (plus 1 bu. small grain)	75 lbs.
Meadow Foxtail, 3 bu.	7 lbs.	Vetch, Spring (plus 1 bu. small grain)	25 lbs.
Meadow Grass, Rough Stalk, 35 lbs.	18 lbs.	Wheat, 2 bu. Winter and Spring.	60 lbs.
Flax Seed, ½ to ¾ bu.	56 lbs.		

Non-Warranty

Sometimes, though not often, our seeds do not come up after planting. This may be due to one or more of several reasons, such as covering too deeply or not deeply enough, too much or too little water, too cold weather or a baking sun which forms a crust, too hard for the tender shoots to penetrate. Sometimes insects destroy plants at the surface, before they are seen by the gardener. We cannot personally direct the use of our goods after they leave our

hands; neither can we fully control anywhere or at any time the operation of natural law as it affects seeds; therefore, we give no warranty, express or implied, as to description, purity, productiveness, or any other matter of any seeds or bulbs we send out, and we will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms they are at once to be returned.

F. H. EBELING

Ebeling's Evergreen Lawn Grass Seeds

Our special brands of Lawn Grass Seeds are noted for their adaptability to various situations and soil conditions, and are now used in every section of the country for making private lawns, and also on the grounds of many leading Country Clubs, Athletic Clubs, Schools, and Institutions, etc. These mixtures have long enjoyed an enviable reputation for their general excellence, and

it will always be our aim to maintain their high quality by the use of only the finest re-cleaned Grass Seeds, as free from all impurities as the most modern machinery can make them.

Quantity of Lawn Grass Seed to Sow. One pound is sufficient for 200 square feet; 150 pounds for an acre, or for renovating an old lawn use one-half these quantities.



Lawn of H. W. Chapin, 973 James Street, Showing Our IDEAL Power Mower

HOW TO MAKE A LAWN

Have soil thoroughly spaded up, enriched with sheep fertilizers or ground bone, level and roll it well to make compact. Select a still day for seeding; sow one-half of the seed from north to south and half from east to west, rake it over and roll again. When grass comes up re-seed the bare spots. Mow grass when 2 inches high, and as necessary thereafter. Don't rake up short clippings, as they make a good mulch. Always thoroughly soak a lawn whenever required, but never sprinkle lightly.

Quantities to Use

- For 200 sq. ft. 1 lb.
- For 1000 sq. ft. 15 lbs.
- For 2000 sq. ft. 10 lbs.
- For one acre 150 lbs.

For old lawns about half the above is sufficient.

"EVERGREEN" LAWN GRASS

This special mixture produces beautiful and permanent lawns. It is made from our own formula, and composed of grasses which are adapted for the purpose of producing turf which retains its rich green color and velvety appearance throughout the entire summer and fall. **Per lb. 40c.**

SHADY PLACE GRASS

It is quite difficult to obtain a satisfactory growth of grass under trees and in shady places. For sowing in such places we recommend the use of this special mixture. It will quickly produce an abundant and even growth of beautiful green grass. The grasses used in making this special mixture are only those that are well adapted for growing in shade, and as it blends well with

our regular Lawn Grass Mixture, it may be used on those portions of the lawn which are shaded by trees, buildings, etc. **1b. 50c; 30 lbs. \$13.50.**

GOLF LINKS MIXTURE

Made from our own formula with the object of producing a turf which will stand rough usage. For Tennis Courts, Cricket Tables, Golf Links, Polo Grounds, this seed will give perfect satisfaction. **Per lb., 40c; bushel (20 lbs.), \$7.00**

TERRACE GRASS

Ordinary lawn grass will not hold the soil on terraces and embankments, which require a thick turf, composed of varieties which make strong roots to take hold of the soil and prevent washing by heavy rains. Our Terrace Grass is a carefully selected combination of such grasses as will make a quick growth and form a strong mat and present a good appearance. It is best to enrich the soil, to give a vigorous start to their growth. **Per lb., 70c; bushel (20 lbs.), \$12.00**

PUTTING GREEN MIXTURE

A careful study of the requirements for making the most substantial turf for Putting Greens developed the mixture herewith offered by us for this purpose. The varieties comprising it are all of the finest-bladed, uniform, low growing and most hardy kinds, which maintain their rich, green color throughout the season. We also recommend it for terraces, embankments, and steep slopes. **Per lb., 70c; bushel (25 lbs.), \$16.00**

WHITE DUTCH CLOVER SEED

Excellent for use on lawns; forms a close herbage and remains green throughout the season. We furnish the choicest grade of seed. **Lb., 65c; 5 lbs., \$3.00.**

For Lawns



Flowers



Vegetables



Field Crops

WIZARD
TRADE BRAND MARK
PULVERIZED

Sheep Manure

Makes Plants Grow to Perfection

One Bag Equals a Whole Wagon Load of Stable Manure

Everybody can get results with Wizard because it supplies the soil with the necessary plant food and humus to make it rich and fertile. All plants require food and a rich mellow soil to develop their real beauty. So if you want a beautiful lawn and garden be sure to enrich your soil with Wizard Sheep Manure.

Wizard is a concentrated, weedless sheep manure that puts new life into wornout soils. It is economical—**ONE BAG EQUALS A WHOLE WAGONLOAD OF STABLE MANURE.** It is far superior to chemical stimulants because it has a lasting beneficial effect on your soil.

Lawns. Make an application of Wizard early in Spring if you want a thick, velvety green turf of lasting beauty. On new lawns broadcast 10 lbs. to 100 sq. ft. and rake into the surface soil. To put new beauty into old lawns 6 to 10 lbs. per 100 sq. ft. will be sufficient.

Flower Gardens. Luxuriant green foliage and vivid colored flowers are the result of using Wizard. Broadcast 10 lbs. to 100 sq. ft. of garden soil. Mix a handful with the soil under each new plant—more for vines, shrubs and trees. Light applications during the growing season will prolong blooming.

Vegetables and Fruit. Every practical gardener knows that there is nothing better than manure to grow big profitable crops. Wizard produces big crops of crisp, tender vegetables. Fruit crops respond quickly and show improved yield, color and flavor. Use 1000 to 1500 lbs. per acre.

ASK FOR FREE BOOKLET

Prices—5 lbs. 25c; 10 lbs. 50c; 25 lbs. \$1.00; 50 lbs. \$1.75; 100 lbs. \$3.00



ONE BAG EQUALS A WAGON LOAD OF STABLE MANURE

GROUND BONE. Excellent for grass plots, gardens, etc. 5 lbs. 25c; 25 lbs. \$1.00; 50 lbs. \$1.75; 100 lbs. \$3.00.

LIME (HYDRATED). For lawn and field use where the ground has become sour. 50 lbs. \$1.10; 100 lbs. \$2.00.

PLANT FOOD FOR HOUSE PLANTS. (ODORLESS). The best Plant Food on the market. May be used either dry or liquid. Especially fine for ferns. Price, 25c per pkg.

ACID PHOSPHATE, 16 per cent. 1 lb. 5c; 25 lbs. \$1.00; 100 lbs. \$2.50.

NITRATE OF SODA. A fertilizer for all crops. It is very quick in action and hastens maturity of crops fully two weeks. Being quickly soluble, it should not be applied until the plants are above ground. 5 lbs. 50c; 25 lbs. \$2.00; 100 lbs. \$7.00. Large quantities, prices on application.

COMMERCIAL FERTILIZER, especially for vegetable and garden purposes. 50 lbs. \$2.50; 100 lbs. \$4.50.

BLOOD. (DRIED.) One of the quickest acting fertilizers, being immediately soluble. 5 lbs. 30c; 25 lbs. \$1.50; 100 lbs. \$5.00.

HUMUS (ALPHANO PREPARED). An excellent article to incorporate with poor soil in the garden, greenhouse or in potting plants. When used in garden work, the ground should be covered with 1½ to 2 inches of Humus and spaded in. 5 lbs. 35c; 10 lbs. 60c; 25 lbs. 85c; 50 lbs. \$1.35; 100 lbs. \$2.25; 500 lbs. \$10.00; ½ ton \$15.00.

Plant Food for House Plants, Lawn and Garden
PRICES ON FERTILIZERS SUBJECT TO MARKET CHANGES

PLANTPEP

Makes 'em Grow

For Potted Plants, Sweet Peas, Roses, Begonias, Ferns, Cut Flowers, Shrubs, Lawns, Berries, Garden—all plant life.

GUARANTEED ANALYSIS

Nitrogen.....	14%
Potash.....	12%
Available Phosphoric Acid	10%
8 oz. 50c; small size 15c	

FARM FERTILIZERS

	Ammo	Avail Phos. Acid	Potash	Ton
Oats, Barley, Wheat, Corn 2	9	3		42.00
Corn and Grains 1	9	4		38.00
Onions, Celery, Potatoes 2	8	10		52.00
Potatoes and Vegetables 4	8	4		53.00
Potato Grower 5	8	7		63.00

A Liberal Discount to Cash Customers

Old Gardener Complete Fertilizer

(with Lime)

FOR EVERYTHING THAT GROWS

Odorless—Clean—Easy to Use

There is no need of using coarse, odorous fertilizers on lawns and gardens. **Old Gardener** is absolutely clean and odorless, and contains every element needed for healthy plant-growth—3 per cent available ammonia, 10 per cent available phosphoric acid, and 4 per cent available potash minimum guaranteed; also contains over 20 per cent of soluble marl lime, making it doubly beneficial as a fertilizer and soil-corrective.

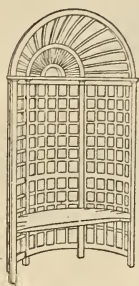
By P.P.

1-lb. can..	\$.25	\$.35	25-lb. bag.....	\$2.00
5-lb. bag..	.65	.85	50-lb. bag.....	3.50
10 lb. bag..	1.00	1.30	100-lb. Sack.....	5.50

On the basis of actual plant-food contained, **Old Gardener** is the cheapest complete fertilizer you can buy.

ERECTO GARDENCRAFT

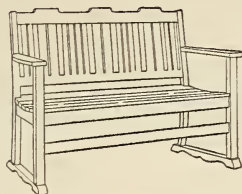
CABINET MADE
SELECTED DRYKILNED CYPRESS "THE WOOD EVERLASTING"



825
COZY CORNER



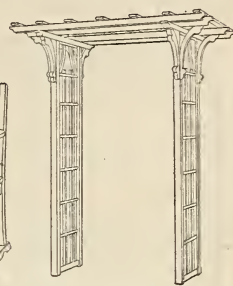
975
CHAIR



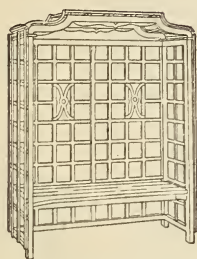
985
SETTEE



975
CHAIR



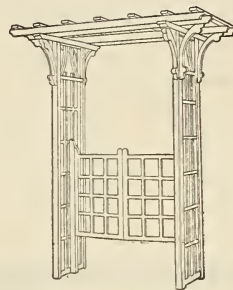
725
ARBOR



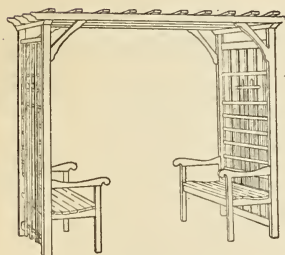
850
JOSEPHINE ARBOR



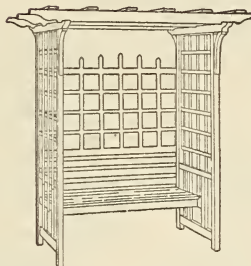
775
TABLE SET



750
ROSEGATE



950
PERGOLA



925
BOWER



700
ARBOR PERGOLA
WITH 500 TABLE

No.	Width	Height	Depth	Price
825 Cozy Corner	5'2"	6'8"	2'	\$95.00
975 Chair	2'	2'9"	1'9"	12.75
985 Settee	5'2"	2'9"	1'9"	23.00
725 Arbor	5'6"	7'3"	3'8" (4' path)	45.00
850 Josephine Arbor	4'2"	7'8"	2'	91.00
750 Rose Gate	5'6"	7'3"	3'8"	60.00
775 Table Set (table and four chairs nested)	40" x 40"			109.00
950 Pergola	7'6"	7'3"	4'	68.00
925 Bower	6'6"	7'1"	4'8"	51.00



200
TRELLIS

700 Arbor Pergola	7'6"	7'3"	4'	95.00
250 Trellis	2'4"	8'		8.00
200 Trellis	2'8"	8'		10.00
900 Grecian Bench	4'	19½"	24"	41.00
500 Table	36"	30"		28.00

All pieces are painted with three coats of best quality weather resisting out-of-door enamel. They can also be furnished unpainted at reduction of fifteen per cent (15%) from above prices.

Each piece is shipped completely assembled, well crated, ready for installation. Anchor Boots furnished with Nos. 700, 725, 750 and 950.

Descriptive Catalogue on Request. Ask for Special Discount for Cash

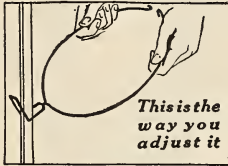
"ADJUSTO" PLANT SUPPORTS

A sturdy, hard-wood stake seven-eighths inch square, 3, 4 or 5 feet long, with a strong wire support instantly adjustable to any height.

Buy "Adjustos" at a garden-supply store or write direct to us.

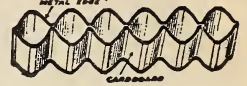
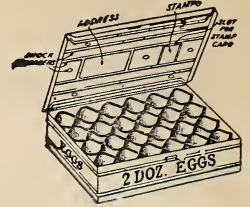
Saves space because it keeps your plants in the air and sun, and from the ground. Enables you to cultivate close to the plant. "Adjusto" supported tomatoes ripen to perfection. "Adjusto" supports bring out the full beauty of Dahlias, Chrysanthemums and all the slender, tall-growing varieties.

FORREST SEED CO., Cortland, N. Y.
Honest Seeds, Prices, Packets



HOW TO DO A PROFITABLE BUSINESS— SELL EGGS BY MAIL

Buy Eggs by Mail



Save money and get **STRICTLY FRESH DAY-OLD EGGS** direct from producer. Make regular weekly shipments by parcel post in Metal Egg Carriers, which assure safe delivery.

Buy your metal Egg Carriers of us.

Metal Egg Carriers

1½ doz. size.....	\$1.25	6 doz. size.....	\$2.50
2 doz. size.....	1.50	9 doz. size.....	3.25
3 doz. size.....	1.75	12 doz. size.....	4.00
4 doz. size.....	2.00		

Add postage to above prices

THE HANDY CHEMICAL COMMODE

Protects Health—Improves the Home



The country home and the outhouse which have been linked together for centuries are now breaking company.

The home which is not yet ready to invest in a permanent toilet system can, for a very small sum, have our Handy Indoor Commode Toilet. **Price \$9.50.**

1 package chemical, 10 to 15 weeks' supply, complete in crate.

MARTIN DITCHERS AND GRADER

A Modern Miracle in

DITCHING	ROAD WORK	SNOW WORK
IRRIGATION	ORCHARD WORK	TERRACING
	TILING	

Does the Work of One Hundred Men and Much Better

Make wet lands produce **crops better** than your best acres. It's only a horse and tractor power that does it. No hand labor. Ditching old or new is simple and cheap with a **Martin Ditcher**. A century of loss may be recovered in a few days and made permanently valuable.

See us for full particulars. Big money to any man of energy. A **book free fully illustrated**, full of wonderful facts.

BUILT FOR HORSE OR TRACTOR "No Soil Too Tough"

Model	PRICE LIST	
20	2 to 4 horses or tractor, wt. 379 lbs.....	\$ 80.00
20A	7 ft. cutting blade, 4 to 6 horses or tractor, weight 422 lbs.....	95.00
20B	2 to 3 horses or tractor, wt. 331 lbs.....	75.00
25BF	Equipped for Fordson Tractor.....	75.00
20X	Jr., for 2 light horses, wt. 218 lbs.....	60.00
40	Standard, 2 to 4 horses or tractor wt. 445 lbs.....	90.00
40A	7 ft. cutting blade, 4 to 6 horses or tractor, weight 490 lbs.....	100.00
	Seats are extra for any model, wt. 15 lbs.	3.75
	Road Drag and Snow Blade for any model extra, wt. 80 lbs.....	12.00

THE END OF THE SNOW PEST

The **MARTIN** will put a stop to all this. Hitch one or two horses to it and start. It rolls away the heaviest snow like cutting white bread with a sharp knife.

Hundreds of **MARTINS** are used in the northern states during the winter. Many towns and corporations have purchased **MARTINS** to be used for no other purpose.



DANA'S STOCK LABELS

PUNCHES AND REGISTERS
FOR MARKING CATTLE, SHEEP
AND HOGS

No. 1½ or Large Cattle Labels	
Per dozen.....	\$.75
Per hundred.....	4.00
Per thousand.....	35.00
Spring Punch for above Labels.....	1.75

No. 1¾ or Light Cattle Labels	
Per dozen.....	.60
Per hundred.....	3.00
Per thousand.....	28.00
Spring Punch for above Labels.....	1.50
No. 1 or Sheep and Hog Labels	
Per dozen.....	.40
Per hundred.....	2.00
Per thousand.....	18.00
Spring Punch for above Labels.....	1.25
Ewe Register.....	.60
Cattle Register.....	.60
Milk Record Books.....	.50
Breeding Sow Register.....	.25
Bull Nose Punch.....	1.50
Bull Nose Rings.....	35c to 1.75

EXTRA RE-CLEANED GRASS AND CLOVER SEED

Nothing is more important to the farmer than that the grass seed he sows should be pure and clean. The seed should also be plump, heavy and well-ripened, so as to insure a good stand. First-class, thoroughly re-cleaned seed, while considerably more costly in the first place, is really much cheaper in the end.

BLUE GRASS, KENTUCKY FANCY RECLEANED (POA PRATENSIS). Also known as June Grass, Green Grass, etc. Rated as one of the best permanent grasses, especially useful for lawns, meadows and rich land. It is the grass of the famous limestone soils of Kentucky, and is also a favorite in all the Northern States. Lb. 60c; Bu. (14 lbs.), \$7.50; 100 lbs. \$55.00.

BLUE GRASS, CANADIAN (POA COMPRESSA). Useful for poor, thin and gravel soils. Lb. 60c; Bu. (14 lbs.) \$7.50; 100 lbs. \$50.00.

CREeping BENT GRASS (AGROSTIS STOLONIFERA). Excellent for lawns and putting greens. Makes a low velvety growth. Lb. \$1.00; Bu. (20 lbs.) \$18.00.

CRESTED DOGTAIL (CYNOSURUS CRISTATUS). Lb. 85c; Bu. (21 lbs.) \$11.00.

FESCUE, CHEWINGS NEW ZEALAND (FESTUCA CHEWINGS). For fine lawns and putting greens. Lb. 60c; Bu. (14 lbs.) \$8.00.

FESCUE, HARD (FESTUCA DURIUSCULA). Indispensable in all pasture mixtures. Lb. 50c; Bu. (12 lbs.) \$4.25.

FESCUE, MEADOW (FESTUCA PRATENSIS). English Blue Grass, or Sweet Grass. Lb. 50c, postpaid. Bu. (22 lbs.) \$7.50; 100 lbs. \$30.00.

FESCUE, RED OR CREEPING (FESTUCA RUBRA). For fine lawns and putting greens. Succeeds on sandy soils. Lb. 70c, postpaid. Bu. (14 lbs.) \$8.00;

FESCUE, SHEEP'S (FESTUCA OVINA). Valuable for pastures. Lb. 50c, postpaid. Bu. (12 lbs.) \$4.25; 100 lbs. \$35.00.

FESCUE, FINE-LEAVED SHEEP'S (FESTUCA OVINA TENUIFOLIA). Excellent for lawns and golf courses. Makes a very dwarf and fine-leaved growth. Lb. 75c. Bu. (14 lbs.) \$10.00;

MEADOW FOXTAIL (ALOPECURUS PRATENSIS). A valuable perennial pasture grass. Lb. 90c postpaid. Bu. (7 lbs.) \$5.50.

ORCHARD GRASS (DACTYLIS GLOMERATA). One of the most valuable of the pasture grasses; makes a good hay. Lb. 30c; Bu. (14 lbs.) \$4.00.

RED-TOP GRASS, EXTRA RECLEANED SEED (AGROSTIS ALBA). Now popular for lawns and golf courses. Heavy solid seed, no chaff. Lb. 50c; Bu. (32 lbs.) \$13.00.

ROUGH STALKED MEADOW GRASS (POA TRIVIALIS). Highly recommended for fine lawns and it also is a rich pasture grass. Lb. 60c; Bu. (14 lbs.) \$7.00.

RYE GRASS, ENGLISH PERENNIAL (LOLIUM PERENNE). Valuable for winter lawns in the South. Lb. 30c; Bu. (24 lbs.) \$6.00.

RYE GRASS, PACEY'S. This makes a quick growth very early in spring, and is adapted for cool, moist locations, recommended for fall seeding on Bermuda-grass lawns in the South, giving them a bright green appearance all winter. 24 lbs. to the bushel; 3 bushels to the acre. Per lb. 30c; per bushel of 24 lbs. \$6.00.

SWEET VERNAL GRASS (ANTHOXANTHUM ODORATUM). Imparts a sweet odor to hay. Relished by all kinds of stock. Use 2 to 5 lbs. per acre, in mixture. Lb. 60c; 10 lbs. \$5.50.

TALL MEADOW OAT GRASS (AVENA ELATIOR). Lb. 30c; Bu. (10 lbs.) \$3.00

WOOD MEADOW GRASS (POA NEMORALIS). The ideal grass for heavily shaded lawns. Lb. 75c; Bu. (14 lbs.) \$10.00.

TIMOTHY (PHEUM PRATENSE). A valuable hay crop. Sow one-half bushel to the acre alone, or 8 to 10 quarts if used with other grass seeds. 45 lbs. to the bushel. Lb. 15c; price per bushel \$4.00 to \$5.00.

Permanent Pasture Grass

This special mixture of grass and clover seed is composed of varieties best adapted for producing an abundant and nutritious food supply for stock, and will be found satisfactory for permanent pasturage. If your fields are worn out, it will pay well to plough and seed them with this mixture of grasses and clovers, thus securing two crops a year, whereas with timothy alone you cut but one crop. In ordering, state whether for light or heavy soil.

Low Land	Lbs. per Acre
Timothy.....	8
Red Top.....	4
Alsike Clover.....	6
Canadian Blue Grass.....	4
Orchard Grass.....	4
White Clover.....	2
Prices at Market Value	28 lbs.

High Land	Lbs. per Acre
Blue Grass.....	3
Red Clover.....	2
Orchard Grass.....	2
Redtop.....	13
Perennial Rye Grass.....	8
White Dutch Clover.....	2
Prices at Market Value	30 lbs.

For Wet Pastures	Lbs. per Acre
Redtop.....	14
Alsike.....	8
Perennial Rye Grass.....	12
White Clover.....	6
Prices at Market Value	40 lbs.

For Light, Sandy Soils	Lbs. per Acre
Red Fescue.....	20
Redtop.....	10
Kentucky Blue Grass.....	8
White Dutch Clover.....	2
Prices at Market Value	40 lbs.

Japanese Millet. (Billion Dollar Grass.) Japanese Millet is one of the most remarkable forage plants we have; remarkable for its marvelous, luxuriant growth, often growing six feet tall; remarkable for the immense amount of hay it produces from each acre, and remarkable for its feeding value. It is adapted to all sections; does especially well on low ground; produces a crop in a very short time; is relished as hay by stock of all kinds. Sow in May for best results, 15 to 20 pounds per acre. If desired for hay, cut just before it heads out; Price \$3.25 per bushel.

Sudan Grass. Sudan Grass is strictly an annual, and dies each year like millet, and must be seeded again each spring. Sudan Grass is tall, reaching a height of from seven to nine feet, with very small stems. The plant stools wonderfully and produces an amazing number of stalks from a single root. Stock prefer it to any other forage, and thrive on it. Produces good crops in time of drouth, and enormous ones in wet seasons. Sow 10 to 15 lbs. per acre. Price 12c lb.

Golden or German Millet. This is the favorite variety for planting in good land to produce a large crop of hay or forage during the summer months; of very strong growth. 50 lbs. to the bushel; 1 bushel to the acre. Per bushel, about \$3.25.

Dwarf Essex Rape. A forage plant of highest value. It can be sown in April for an early crop, and for fall crop in July, August and September. 30 days from the time of sowing, sheep, hogs or cattle can be turned upon it; all reports agree that they gain weight faster on this than any other fodder. Stockmen, dairymen and farmers have proved its value. Per lb. 13c; 100 lbs. \$10.00.

Sorghum, or Early Amber Sugar Cane. This is the sorghum of the Northern States; makes the finest quality of syrup. The earliest and most productive variety. Height, 10 feet. For ensilage or fodder it possesses good qualities; stock of all kinds relish it. Sow 5 lbs. in drills, or 1½ bushels broadcast to acre. Per lb. 8c; bu. (50 lbs.) \$3.50.

Vetches or Tares, Winter. (VICIA LOSA.) Also called Sand Vetch, or Hairy Vetch. Recommended for fall sowing with rye, which serves as a support. It is perfectly hardy in all parts of the country, remaining green all winter; it can be harvested or plowed under, and the ground used for the usual spring crop. Sow 25 lbs. with one bushel grain per acre. Price per lb. 25c.

Clovers

Alfalfa, or Lucerne. It strongly resembles clover in habit of growth and feeding value, but withstands drought much better. It is a perennial. Plant on well-drained soils, so that when once established, it will continue to produce crops for many years. It must be cut every time it comes into bloom. Will not succeed on low, wet soils. Sow from 20 to 30 lbs. per acre. Market price.

Alfalfa, Grimm. On account of its superior hardiness this variety is particularly recommended for growing in northern latitudes, as its distinctive characteristic is its ability to withstand the rigor of the hardest winter. It possesses a fibrous branching root system and the plants are of spreading habit. Market price.

Alsike or Hybrid Clover. (TRIFOLIUM HYBRIDUM.) The plant is perennial and very hardy, thriving well on wet soils. The stems are more slender and much taller than those of the Red Medium Clover, and thus much better adapted for growing with Timothy to produce a high grade of mixed hay. Sow 10 to 15 lbs. to acre. Market price.

Red Medium or Mammoth. This is the common Red Clover so largely grown. We shall be pleased to quote prices at any time.

White Dutch Clover. (TRIFOLIUM REPENS.) This thrives in almost every soil and climate, succeeding equally well on heavy, moist land and thin, dry hill-sides. It is of low-creeping growth and for green velvety lawns. Per lb. 60c.

Sweet Clover Bokhara (MELILOTUS ALBA.) This slightly resembles Alfalfa in growth, but is much taller, with leafier and stiffer stems. It frequently grows five to six feet in height and branches freely; fragrant, white flowers, which afford an excellent food for bees. Used also for inoculating Alfalfa soils. Per lb. 25c.

Wheelbarrow Seeders With Steel Frame

They can be worked by anyone who can run a wheelbarrow. Price, 14-foot \$14.00; 16-foot, \$16.00

FIELD SEEDS

Canada Field Peas, per bu.....	\$4.50
Buckwheat, Japanese, per bu. (bu. 48 lb.).....	2.25
Buckwheat, Silverhull, per bu. (bu. 48 lb.).....	2.25
Barley, Chevalier, 2-row, per bu.....	2.50
Barley, Oderbroecker, 6-row, per bu.....	2.50

Speltz, per bu. (32 lb. bu.).....	2.00
Spring Rye, per bu.....	3.50
Winter Rye, per bu. (sow after October 10th)...	2.50
Marquis Spring Wheat, per bu.....	3.50

FIELD OF ONONDAGA GRAIN MIXTURE



Grown on the Merry Farm, Pennelville, N. Y., with H. L. Merry in center

This wonderful dairy mixture forms a balanced grain ration, superior to any mill feed at greatly reduced cost. Saves constant hauling, a perfect milk and flesh producing feed, at ⅓ to ⅔ the cost of ordinary grain feeds, supplied by the mills. This can be ground at a small expense, with your own power, thus leaving the money in your own pocket, on your own premises, to be fed as needed. You make and take the profit yourself.

The money paid for grain feed is enormous and a constant drain on the farmer and dairyman's pocket. Why not make and save this large amount of money each year and devote to other greatly needed improvements and farm betterments. There is a large and increasing demand every year for this money making and money saving method of handling the dairy grain feeds. Cost per acre, \$7.50.

Ebeling's High Grade Seed Corn



Field of Our Early Wonderful Ensilage Corn

Grown on the Solvay Farms, Tully, N. Y., H. C. Ballard, Superintendent. Early Wonderful proved greatly superior to similar variety planted in same field. The superior growth, ears and foliage was very marked.

We offer Early Wonderful at \$4.00 per bushel.

Good pedigree seed corn will be scarce this season owing to cold wet weather in the fall which spoiled great quantities.

Early Wonderful Ensilage. After nearly fifty years' experience in the handling and selection of Seed Corn for ensilage purposes, we have selected EBELING'S EARLY WONDERFUL CORN as the very best one we have ever handled. This improved variety has demonstrated beyond a doubt that it is one of the best and as near perfection as it is possible to obtain in ensilage corn. EARLY WONDERFUL ENSILAGE CORN is also known as West Branch Sweepstakes, Giant Ensilage, The Abbot West Branch, Lancaster, Sure Crop, Mennoite Ensilage, "Mohawk Chief" Ensilage, Syndicate Special Ensilage, Rising's Gold Dollar, Excelsior, Central Pennsylvania, Lycoming County Sweepstakes Ensilage, and other names. The corn that makes the farmer prosperous. Makes the ensilage in eighty days. Fully ripened and glazed in ninety days.

Luce's Favorite Dent Field Corn. Luce's Favorite, Minnesota King. Early Triumph, Poor Man's Dent. These four varieties are all one and the same thing.

Iowa Gold Mine. The deepest grained, purest yellow corn ever grown. Every year this corn puts thousands of good gold dollars in the pockets of our customers.

Pride of the North. { Similar to Iowa Gold Mine and too well known to make description necessary. }

Angel of Midnight. A most popular extra early 8-row yellow flint corn. Ears of medium size, a splendid yielder for one so early. If you want a corn that will stand June planting, select the "Angel of Midnight." the farmer's friend. Stalks of medium size.

Longfellow. This is very well named, being the longest eared 8-rowed yellow flint corn known. It is strikingly handsome, medium late and should be planted on rich soils. It is the most prolific of all the flint sorts. Very popular among corn raisers. Stalks are of good size.

Canada Smut Nose. This good old standard sort is one that has stood the test of time, and is as popular as ever. It is an 8-rowed medium late with a splash of a reddish blush over the tip of the ear.

Sanford White Flint. A splendid large long-eared 8-rowed sort. Sometimes called "Canada White Flint," with big white kernels, small cob, easy to husk and a great basket filler. One of the biggest yielding sorts known.



Longfellow
Yellow Flint
Corn

ASK FOR OUR SPECIAL PRICES

ALBERTA CLUSTER OATS

The Famous, Heavy Yielding, Hardy Variety From the Great Northwest

These oats were grown and shipped to us direct in car lots of about 2000 bushels, from that wonderful Alberta country of the Great Northwest. The soil is a deep, heavy, rich loam, free from foul weeds, and which produces the very best of all grain crops. These oats have captivated the modern grain-growing farmer in every part of the country because they have proved themselves a big success. It's well known that seed oats in the Alberta country are unequalled in hardiness, height, yield, vigor, in freedom from rust and from foul seeds. Canadian growers are extremely careful in seed selection and the

Canadian Government through its rigorous seed laws, has greatly benefited our American farmers. It is safe to say that a more profitable variety of oats was never offered before in Central New York.

The two main handicaps in the growing of oats are foul weeds and the sowing of degenerated oats. Both problems are solved by our Alberta Cluster Oats. These oats constitute a remedy for the farmers who have had trouble with their annual yield because they have continued to sow run-out and run-down sorts year after year. Alberta Cluster Oats compare with the majority of seed oats in the same way that a blooded Holstein compares with a common scrub animal.

Kernels Much Fatter— Weigh 45 Lbs. to Bushel

These oats yield from 75 to 100 bushels to the acre. They have big, strong, stiff straw that stand up well on any ground. Their clustered heads are 12 inches long and ripen early. **\$1.85** per bu.



Alberta Cluster Oats



Field of our Alberta Cluster Oats, grown by
Frank Gibbons, Waterville, N. Y.

To Prevent Smut in Oats. Formula.—1 pt. of formalin to 20 gal. of water, wet 20 bu. (or in that proportion) of oats with this solution, mix thoroughly by shoveling, then pile in a mound, cover up well with blankets, etc., for 12 hours. This forms a gas that will destroy the Smut germ. After 12 hours spread out the Oats to dry. They will then be ready for sowing.

MARQUIS SPRING WHEAT

Marquis Spring Wheat is the leading Spring Wheat Variety grown in the U. S.

Price \$3.50 per bu.

We refer to Mr. Chas. J. Beebe of Waterville, who will verify our statement.

Picture of Mr. Beebe's field shown herewith.



FOREIGN NAMES OF VEGETABLES AND HERBS

ENGLISH	FRENCH	ITALIAN	POLISH	GERMAN
Anise.....	Anis.....	Aniso. Anacio.....	Anyz.....	Anis, Grüner Anis.
Artichoke.....	Artichaut.....	Articiocca.....	Karczochy.....	Artischoke.....
Asparagus.....	Asperge.....	Sparagio.....	Szparagi.....	Spargel.....
Balm.....	Melisse citronelle.....	Melissa.....	Balsam.....	Citronen-Melisse..
Basil.....	Basilic grand.....	Basilico.....	Bazylija.....	Basilikum.....
Beans.....	Haricots.....	Fagioli.....	Fasola.....	Bohnen.....
Beet.....	Betterave.....	Barbabietola.....	Buraki.....	Rübe.....
Borage.....	Bourrache.....	Boragine.....	Boraz.....	Boretsch.....
Broccoli.....	Chou Brocoli.....	Brocoli.....	Brokuly.....	Spargelkohl.....
Brussels Sprouts.....	Chou de Bruxelles.....	Cavolo di Bruxelles.....	Latorvil.....	Rosenkohl.....
Cabbage.....	Chou pommé.....	Cavolo cappuccio.....	Kapusta.....	Kopfkohl, Kraut..
Cabbage, Savoy.....	Chou de Milan.....	Cavolo di Milano.....	Sabaudzka.....	Wirsing.....
			Kapusta.....	
Caraway.....	Cumin des prés.....	Carvi.....	Kminek.....	Feld-Kümmel.....
Carrot.....	Carotte.....	Carota.....	Marchew.....	Carotten, Möhren.
Cauliflower.....	Chou-fleur.....	Cavolfiore.....	Kalaflory.....	Blumenkohl.....
Celery.....	Céleri.....	Sedano.....	Selery.....	Sellerie.....
Celeriac.....	Céleri-rave.....	Sedano-rapa.....	Selery.....	Knoll-Sellerie.....
			(Korzen).....	
Chervil.....	Cerfeuil.....	Cerfoglio.....	Czechrzyca.....	Kerbel.....
Chicory.....	Chicorée sauvage.....	Cicoria selvatica.....	Cykorya.....	Cichorienwurzel..
Coriander.....	Coriandre.....	Coriandorlo.....	Koledra.....	Coriander.....
Corn Salad.....	Mâche.....	Valeriana.....	Ziarno Salaty.....	Feldsalat.....
Corn.....	Mais.....	Mais.....	Kukurydza.....	Mais.....
Cress.....	Cresson alénois.....	Agretto.....	Rzerzucha.....	Garten-Kresse...
Cress, Water.....	Cresson de fontaine.....	Nasturzio aquatico.....	Rzerzucha.....	Brunnenkresse...
			wodna.....	
Cucumber.....	Concombre.....	Cetriolo.....	Ogorek.....	Gurken.....
Dandelion.....	Pissenlit.....	Dente di leone.....	Papawa.....	Löwenzahn.....
Dill.....	Aneth.....	Aneto.....	Koper.....	Dill.....
Egg Plant.....	Aubergine.....	Petronciano.....	Gruszka.....	Eierpflanze.....
			milosna.....	
Endive, Curled.....	Chicorée Endive.....	Endivia.....	Endywia.....	Endivien.....
Endive.....	Chicorée-Scarole.....	Endivia Scariola.....	Nastywia.....	Escariol.....
	Broad Leaf.....			
	Ronde.....			
Fennel.....	Fenouil.....	Finocchio.....	Koper.....	Fenchel.....
Garlic.....	Ail.....	Aglio.....	Czosnek.....	Knoblauch.....
Horehound.....	Marrube blanc.....	Marrubio.....	Marubium.....	Andorn.....
Horse Radish.....	Raifort sauvage.....	Rafano.....	Chrzan.....	Meer Rettig.....
Hyssop.....	Hyssope.....	Issopo.....	Hyzop.....	Isop.....
Kale.....	Chou vert.....	Cavolo verde.....	Solanka.....	Blätterkohl.....
Kohl Rabi.....	Chou-rave.....	Cavolo rapa.....	Kalarepa.....	Knollkohl.....
Lavender.....	Lavende.....	Lavanda.....	Lawenda.....	Lavendel.....
Leek.....	Poireau.....	Porro.....	Pory.....	Porree, Lauch.....
Lettuce.....	Laitue.....	Lattuga.....	Salata.....	Lattich, Kopfsalat..
Marjoram.....	Marjolaine.....	Maggiorana.....	Majeranek.....	Majoran.....
Melon.....	Melon.....	Popone.....	Melon.....	Melone.....
Melon, Water.....	Melon d'eau.....	Melone d'acqua.....	Melon, wodny.....	Wasser-Melone.....
Mushroom.....	Champignon.....	Fungo pratajolo.....	Grzyb.....	Schwamm.....
Nasturtium.....	Capucine.....	Nasturzio.....	Nasturcyja.....	Kapuciner Kresse..
Okra.....	Gombaud.....	Ocra.....		Ocher.....
Onion.....	Ognon.....	Cipollo.....	Cebula.....	Zwiebel.....
Parsley.....	Persil.....	Prezzemolo.....	Pietruszka.....	Petersilie.....
Parsnip.....	Panais.....	Pastinaca.....	Pastinak.....	Pastinake.....
Peas.....	Pois.....	Pisello.....	Groch.....	Erbsen.....
Pepper.....	Piment.....	Peperone.....	Pieprz.....	Pfeffer.....
Pumpkin.....	Potiron.....	Zucca.....	Bania.....	Melonen-Kürbiss...
Radish.....	Radis.....	Ravanello.....	Rzodkiew.....	Radies.....
Rhubarb.....	Rhubarbe.....	Rabarbaro.....	Rubarbarum.....	Rhabarber.....
Rosemary.....	Romarin.....	Rosmarino.....	Rozmaryn.....	Rosmarin.....
Rue.....	Rue.....		Ruta.....	Raute.....
Ruta Baga.....	Chou-navet.....	Cavolo navone.....		Kohlrübe, Wrucken
Saffron.....	Safran.....	Zafferano.....	Szafran.....	Safran.....
Sage.....	Sauge.....	Salvia.....	Szalwija.....	Salbei.....
Salsify.....	Salsifis.....	Sassefrica.....	Jarzy. Ostryga.....	Haferwurzel.....
Sorrel.....	Oseille.....	Acetosa.....	Szczaw.....	Sauerampfer.....
Summer Savory.....	Sarriette annuelle.....	Santoreggia.....	Caber.....	Bohnenkraut.....
			ogrodowy.....	
Spinach.....	Epinard.....	Spinace.....	Szpinak.....	Spinat.....
Squash.....	Courge.....	Zucca.....	Miekurz.....	Kürbiss.....
Swiss Chard.....	Poirée.....	Bieta.....		Beisskohl.....
Thyme.....	Thym.....	Timo.....	Macierzanka.....	Thymian.....
Tomato.....	Pomme d'Amour.....	Pomo d'oro.....	Pomidor.....	Liebesapfel.....
Turnip.....	Navet.....	Navone.....	Rzepa, brukiew.....	Weisse-Rübe.....
Wormwood.....	Absinthe.....	Assenzio.....	Piotun.....	Wermuth.....

FREE and SAFE PARKING

Our Customers can save and make money by calling at our Warehouse, 538-540 Canal Street and Erie Boulevard, for your Grass Seeds, Clover, Alfalfa, Alsike, Seed Corn, Plows, Harrows, Cultivating Tools, Haymaking Tools and Machinery, Stalls, Stanchions. Everything for your Farm and Dairy.

ASPARAGUS

Spargel (Gr.)

Sparagio (It.)

Culture—Sow early in spring in rows one foot apart; when one year old the roots may be taken up and transplanted in permanent beds, which should be made by taking out the soil to a depth of about 16 inches, fill in with six inches of well rotted stable manure, then six inches of soil somewhat firmed, and place the roots on the same about 10 inches apart with the roots well spread out and cover so that the crown will be about four inches below the surface. Keep the surface well raked to keep down the weeds until the shoots appear.

Palmetto is earlier, a better yielder, and is more even and regular in its growth than Conover's. Oz. 15c; ¼ lb. 35c; lb. \$1.25.

Barr's Mammoth. The fine old reliable sort. Oz. 15c; lb. \$1.25.

Washington. A vigorous growing and very productive variety which has been bred to resist the disease known as "Asparagus Rust." The most uniform in type of any of the so-called rust resistant varieties. The shoots are of large size, excellent quality and of rich deep green color tinted somewhat with purple at tips.

SEED—Pkt. 10c; Oz. 25c; ¼ lb. 75c; lb. \$2.50.

Roots of Above Varieties at \$2.00 per 100. Can furnish in one and two-year roots.

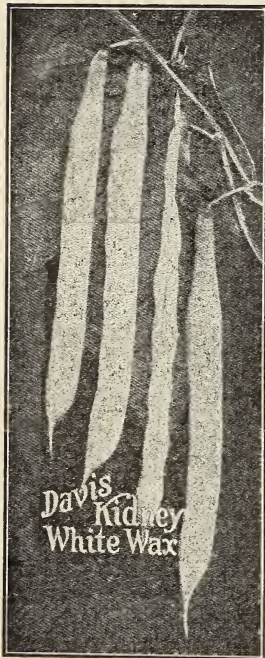
BEANS—Dwarf Wax Varieties

Bohnen (Gr.)

Faginoli (It.)

Culture—Beans should not be planted until the ground is warm, as cold and wet weather will cause the seed to rot. For garden culture plant four or five seeds in hills one foot apart and the rows 18 inches apart. For field culture make the rows three or three and one-half feet apart, and cover with two inches of mellow soil. Do not hoe or cultivate while the plants are wet with dew or rain, as getting the leaves bespattered with earth causes rust, which injures the crop.

Pencil Pod Wax. This comparatively new wax podded bean is particularly handsome, also medium early, hardy and very prolific. Leaves roughened. Pods long, five and one-half to six inches, straight, round, fleshy, and of a bright yellow color; tender, absolutely stringless and of excellent quality, and are produced through a long season. One of the best for home use and near markets. Seed long, round, medium sized; color solid black. Lb. 35c; 2 lbs. 60c.



Davis Wax. A very hardy and productive variety, desirable where a wax-podded, white seeded, mid-season sort is wanted. Vines very vigorous. Pods are invariably long, six and one-half to seven inches, light yellow; seed kidney-shaped. Lb. 35c; 2 lb. 60c.

Improved Black Wax

This variety takes the place of the old black wax or butter bean and is much better in every respect. Vines medium sized, with small foliage, very vigorous, hardy and productive, maturing

about midseason, well up from the ground, fleshy and of a light golden yellow, and remain a long time in condition for use as snaps. Lb. 35c; 2 lbs. 60c.

Round Pod Kidney Wax. This midseason variety is exceedingly handsome and very desirable for the home garden. Vines dwarf, spreading and productive. Pods long and round, wax-like, stringless and of the best quality. Uniformly perfect. Medium-sized, white, with a little dark marking about the eye. Lb. 35c; 2 lbs. 60c; bu. \$16.00.

Improved Golden Wax or Detroit Wax. Vines a little more upright and harder than the Golden Wax. The handsome deep yellow pods are about five inches long, broader and flatter than Golden Wax. Seed medium size white with dark brown to black markings. Lb. 35c; 2 lbs. 60c.

Beans—Pole

Kentucky Wonder. This remarkably vigorous growing, green podded pole bean has very long pods somewhat broad, very fleshy and quite stringless as snaps. The mature pods are often eight to nine inches in length. Its earliness and hardness commend it as a pole bean. Large green pods are unexcelled in quality by any green podded bean of its class. ½ lb. 20c; lb. 45c; 2 lbs. 80c.

Scarlet Runner. Brilliant scarlet flowering ornamental pole bean. ½ lb. 25c; lb. 45c.

White Runners. Same as Scarlet Runner, only white. ½ lb. 25c; lb. 45c.

Beans—Dwarf Green Podded Varieties

Bountiful. For the market gardener this is one of the popular varieties. Pods are medium size, green and flat; an excellent snap bean. Dry beans are yellowish brown color. Lb. 35c; 2 lbs. 60c.

Black Valentine. A very hardy and productive green podded sort with strong, vigorous vines. The pods are nearly round or slightly flattened but very handsome. A large crop can be depended on and the product is very attractive on the market. It is very extensively used for shipping. The pods are medium dark green and about six inches long. Seed small to medium sized, black, oblong, slightly flattened. Lb. 35c; 2 lbs. 60c.

Burpee's Giant Stringless Green Pod. A very desirable green podded snap sort for the home garden and largely grown for the market. Vine is vigorous, spreading and productive. Pods are dark green, five to six inches long, crisp and tender. Lb. 35c; 2 lbs. 60c.

Red Valentine Extra Early Round Pod. For snaps there is nothing superior to this variety among the dwarf green podded sorts both for home and market garden and many prefer it to the wax varieties. Vines medium to large, erect, with dark green leaves. Pods medium length, about four and one-half inches, curved, cylindrical, with crease in back, very fleshy, crisp and tender. Lb. 30c; 2 lbs. 60c.

Refugee, or 1000 to 1. Of compact growth and very prolific. The pods are light green, very solid and tender. Lb. 30c; 2 lbs. 60c.

Dwarf Horticultural. Vines very productive, compact, upright, with large leaves. Pods five to five and one-half inches come fit for use as green shelled beans early and in this condition the beans are very large, easily shelled and are about equal to the Lima in quality. One of the best sorts for green shell beans for home and market. Lb. 35c; 2 lbs. 60c.

BEANS

Pea, per lb.	15c
Marrow, per lb.	20c
Navy, per lb.	20c
Imperial, per lb.	20c
White Kidney, per lb.	20c
Red Kidney, per lb.	20c

Special Prices on Bushel Lots

All Prices Subject to Change Without Notice
Plant during the Moon Period for best results



Burpee's Stringless Green Pod

Beans—Dwarf or Bush Lima

Dreer's Bush Lima. A dwarf variety of the Dreer's Improved Lima. The beans grow close together in the pods, producing 3 to 4 and sometimes 5 in a pod, and are thick, sweet and succulent. Lb. 45c; 2 lbs. 80c.

Burpee's Bush Lima. True bush form of large white Lima, bush 15 to 20 inches high, 24 to 30 inches diameter, supported by its own thick stems. For productiveness and quality of beans it is not surpassed. Lb. 50c; 2 lbs. 90c.

Fordhook Bush Lima. An improved dwarf Lima of the Kumerle type. The plant is vigorous and erect growing, bearing well above the ground. The pods, which are produced in large clusters, are medium green, about four and three-fourths inches long, and each contain three to five large beans of exceptionally fine quality. Lb. 45c; 2 lbs. 80c.

English Broad Bean

Broad Windsor. An old-fashioned English shell bean. This bean is very hardy; it should be planted as early as the ground will permit, three or four inches deep in rows three feet apart, and plants four feet apart in row. Dry beans very large and yellowish green. Lb. 60c.

Beans—Pole Lima

King of the Garden Lima. Vines very vigorous and productive. Pods five to six inches long, filled with four or five immense white beans of the finest quality. On account of its large pods it is a favorite with market gardeners. It will come into bearing sooner and will make larger pods if not more than two vines are left to grow on a pole. Lb. 45c; 2 lbs. 80c.

Early Jersey Lima. Matures a few days earlier than the King of the Garden, and is very productive. The pods contain from three to four large beans, and the quality is good. By express or freight, at purchaser's expense. Lb. 35c; 2 lbs. 60c.

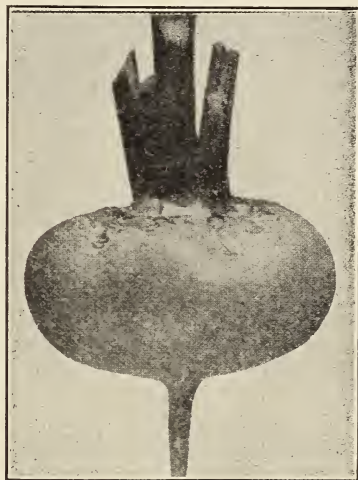
BEETS

Ruebe (Gr.)

Barbabetola (It.)

The best results are obtained on a deep, rich, sandy loam. If wanted very early, sow such sorts as Crosby's Egyptian or Detroit Dark Red in hotbeds and transplant, cutting off the outer leaves. For general crop sow in freshly prepared soil as soon as the ground will permit, in rows eighteen inches apart covering about an inch deep and pressing the soil firmly over the seed. For winter use the turnip varieties may be sown in June so as to mature late in the season.

Extra Early Egyptian Blood Turnip. The best variety for forcing and excellent for first early crop out of doors, being very early with small tops. Root very dark red, moderately thick, a little rounded on top, distinctly flat on the bottom, and about two inches in diameter when mature. Flesh dark purplish red, zoned lighter shade. Oz. 15c; ¼ lb. 40c; lb. \$1.00. (Same as Albani Beet.)



Extra Early Egyptian Blood Turnip

Albani. Turnip shaped. Bright scarlet color, very early open ground variety, a good buncher. (Same as Early Egyptian Blood Turnip.)

Early Eclipse. An early beet especially desirable for the home garden. Tops small. Root bright deep red, smooth, round. Flesh bright red, zoned with pinkish white; very sweet, crisp and tender. Oz. 15c; ¼ lb. 30c; lb. \$1.00.

Crosby's Egyptian, Special. This special selection is valuable both for the private gardener and the amateur, on account of its reliability to produce a uniform crop of best quality. In the production of this seed, selection is not only made for shape, but also for extreme earliness and high quality. The skin is very smooth, bright red and flesh-vermillion, very sweet and tender. Oz. 15c; ¼ lb. 35c; lb. \$1.25.

Detroit Dark Red. We believe this is the best beet for the market and home garden, and on account of its uniformly deep rich color the most desirable for canning. Tops small, upright in growth. Very smooth and of dark blood red color. Flesh is deep vermilion-red, zoned with a lighter shade of the same color. Careful comparisons with all the prominent varieties on the market in this country and in Europe prove that the Detroit Dark Red Beet is the most uniform in shape and size and the most attractive in color. Oz. 15c; ¼ lb. 40c; lb. \$1.40.

Special Cash Discount to Market Gardeners

**Detroit Dark Red**

globe-shaped, with a very smooth skin, and an exceedingly small tap root, fine-grained, sweet in flavor, and tender at all times. The foliage is small, admitting of close planting. Not only a market gardener's sort, but one of the best for the kitchen garden, as it is extra early. Oz. 15c; lb. \$1.50.

Swiss Chard. (See Kale Beets.) This kind of beet is grown exclusively for the numerous fleshy, tender leaves and leaf stalks, which are superior to those of other beets for use as greens. Later in the season the wax-like leaf stems are cooked like asparagus or are pickled. This variety we offer has large, broad, undulated leaves of attractive yellowish green color, and very large, broad white stalks and midribs or chards. It is well worthy of a place in the home garden as well as for market use. Swiss Chard is sometimes called Leaf Beet, Spinach Beet and Silver Beet. Oz. 15c; lb. \$1.25.

Mangel Beets, Mangel Ruben

Mangel Wurzels. For stock feeding. We should learn a lesson from our brother farmers in Canada and grow root crops much more extensively for stock feeding, which produce the greatest results for the labor and money invested.

Golden Tankard. A smooth, yellow fleshed Mangel. The roots are of large diameter, tapering quickly at the bottom, which is quite broad, with only a small tap-root. It grows largely above the soil and is easily harvested. It yields enormous bulk on good land and can be sown closely in rows. Oz. 10c; ¼ lb. 20c; lb. 60c.

Mammoth Long Red. This is a heavy cropper and a large yielder. The roots grow from one-half to two-thirds above the surface, and are frequently two or more feet in length by six inches usual diameter. Dark, richly colored foliage, skin dark red, flesh white with veined rings of rose pink. Same as Norbiton Giant. Oz. 10c; ¼ lb. 20c; lb. 60c.

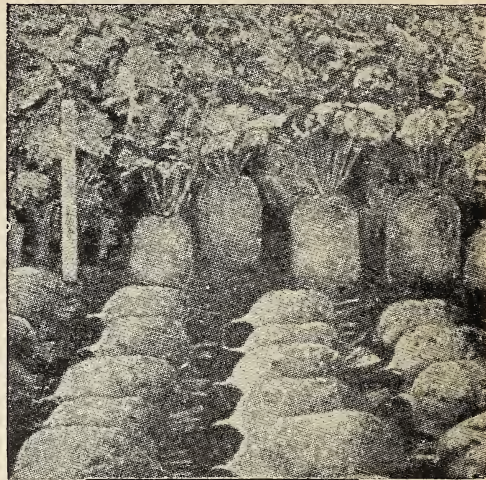
**Long Red Mangel**

Beet—Early Wonder. A deep blood red beet, nearly globular, with small, clean tap-root and small sized top. One of the earliest and most uniform bunching beets on the market. A field of Early Wonder Beets will mature so evenly that the crop may be harvested at one time. Pkt. 10c; oz. 20c; lb. \$1.50.

Crimson Globe. A perfect beet in all respects; brilliant crimson in color,

Danish Sludstrup Mangel. This most wonderful Mangel is a long, reddish yellow root but not so long as the Mammoth long red, it grows more above ground, is very easily harvested, and requiring but little exertion to pull same. They frequently weigh from 15 to 20 lbs. Oz. 10c; lb. 85c.

Ideal Sugar Mangel Beet. The illustration faithfully shows the shape of this wonderful Mangel. It is a perfect chunk of a beet, being as large at the bottom as at the top. Stands two-thirds above ground. Is easily harvested even on hard soils. This new and original Mangel has been tested alongside thirty other Mangels and by strict laboratory tests on trial grounds and field demonstrations, has proved to be IDEAL and superior in quality. Lb. \$1.50; 10 lb. \$12.50.

**Ideal Sugar Mangel**

It contains the greatest amount of sugar of any mangel.

It grows high above the ground.

Skin flesh light yellow.

Greatest yield of saccharine matter.

Highest yield of dry matter.

Very easy to harvest.

Best keeper.

Splendid ensilage.

Has yielded 25 tons to the acre.

The value of this Mangel-Wurzel for stock feeding cannot be over-estimated. No one who keeps horses, sheep or cattle should be without these roots for fall and winter feeding, as the results from their use are wonderful, being clearly shown in the improved health and condition of the animals, the increase of milk from the cows, and the great saving in hay.

We have imported the IDEAL MANGEL from the originator in Europe for many years and this particular type can only be secured from the grower. Oz. 15c; ¼ lb. 40c; lb. \$1.50; 10 lb. \$12.50.

BROCCOLI

Early Large White French. This is probably the most useful variety. Plants very hardy, vigorous and easily grown. Heads white, compact, hard and of good quality. Pkt. 10c; oz. 70c.

BRUSSELS SPROUTS

Rosenkohl (Gr.) Cavoli di Bruxelles (It.)

This vegetable is used in the fall and early winter and by some considered more tender and delicious than any cabbage. The plant resembles the cabbage, the edible

All Prices Subject to Change Without Notice

part being the numerous very small heads or sprouts an inch or two in diameter.

Improved Half Dwarf. Probably the most useful variety, plants growing one and one-half to three feet high, very hardy and giving compact, round sprouts of large size and good quality. Pkt. 10c; oz. 20c.

CABBAGE, Kopf-Kohl

Early Jersey Wakefield. The best early cabbage in cultivation. Forms fine solid heads of good size, pointed heads with few outer leaves. Oz. 25c; $\frac{1}{4}$ lb. 75c; lb. \$3.00.



Early Copenhagen Market, from actual photograph

Succession. We consider it one of our most valuable contributions to horticulture. It would be classed as a second early variety, coming in a few days later than Early Summer, but double the size. Price, oz. 25c; lb. \$3.00.

Mammoth Rock Red. While late in maturing this has the largest heading of all the deep red varieties. Oz. 35c; $\frac{1}{4}$ lb. 75c; lb. \$3.00.

American Drumhead Savoy. The best of the late Savoy for house use or for the market. The plant is robust with short stem. Is very much curled or wrinkled. A sure header of large size and the best

Golden Acre. It resembles the "Copenhagen Market," head perfectly round, and leaves saucer-shaped. It matures ten days earlier than Copenhagen Market. THE GOLDEN ACRE begins to form head as soon as the leaves have reached the size of a saucer and the growth may be observed almost from day to day. It matures in eighty days from date of sowing, and no other cabbage, including the earliest Jersey Wakefield, has proven as early. We believe it to be the earliest cabbage in existence. Average weight is 5 lbs. Occupies only 20-inch space. Per oz. 75c; per $\frac{1}{4}$ lb. \$2.50.

Copenhagen Market. This new Danish cabbage is the largest and earliest ball-shaped variety known. Heads very solid, of wonderful quality, with small cores and weighing from 10 to 15 pounds. Oz. 40c; $\frac{1}{4}$ lb. \$1.25; lb. \$4.00.

Glory of Enkhuizen. A very large early cabbage, heads nearly round, very solid, and which has proved to be one of the most profitable of the early market cabbages. Pkt. 10c; oz. 30c; $\frac{1}{4}$ lb. \$1.00; lb. \$3.50.

Danish Ball-head. Short stemmed. We consider this the best strain of Danish cabbage. The heads are large, almost perfectly round, very hard, solid and of good deep green color. This strain of seed produces larger heads and consequently heavier yields than the old style Danish cabbage. A number of large fields in this locality have yielded as high as 22 tons per acre. There is no finer strain than this. Oz. 30c; $\frac{1}{4}$ lb. 90c; lb. \$3.00.

Flat Dutch. A fine, very large, late winter variety. Very popular on account of size, quality and yield. Oz. 25c; $\frac{1}{4}$ lb. 60c; lb. \$2.50.

Late Drumhead. One of the old-fashioned big growing sorts. So well known that a description is unnecessary. Oz. 25c; $\frac{1}{4}$ lb. \$1.00; lb. \$3.00.

of the Green Globe Drumhead Savoy. Oz. 35c; $\frac{1}{4}$ lb. \$1.00; lb. \$3.00.

Pe-Tsai. This fine vegetable resembles Cos Lettuce. The head is large and compact, and all but the outer leaves blanch a creamy white. Very crisp and tender, and in every way adapted for the home garden. Pkt. 10c; $\frac{1}{2}$ oz. 25c; oz. 40c; $\frac{1}{4}$ lb. \$1.25.

Remedy for Cabbage Worms. One quart salt, mix with one tablespoon Cayenne Pepper. Sprinkle moderately into heart of cabbage. Apply once a week for several weeks. Will keep worms off and produce perfect heads. Formula given by Mr. John Huller, 507 Erikson Avenue, Eastwood, N. Y.

CARROTS

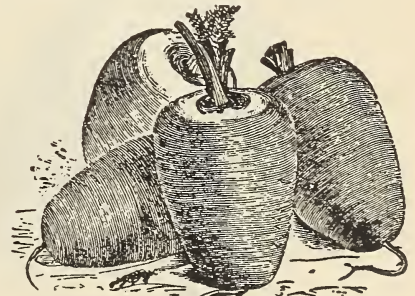
Carotten (Gr.)

Carota (It.)

Carrots to grow to perfection require a deeply cultivated, rich and well pulverized soil. Sow early in the spring as soon as the soil is fit to work, in drills 15 to 18 inches apart, covering one inch deep, and press the soil firmly over the seed. If desired to cultivate with horse, make rows three feet apart.

Early French Forcing. The earliest variety in cultivation and the best suited for forcing. Tops small, finely divided. The red-dish-orange colored roots are nearly round. When fully matured they are about 2 inches in diameter, but should be used before they are full grown and while young and tender. Oz. 15c; $\frac{1}{4}$ lb. 40c; lb. \$1.50.

Early Short Horn. Excellent for early planting out of doors. Tops small, coarsely divided; roots topshaped, but tapering abruptly to a small tap; skin orange-red. Oz. 15c; $\frac{1}{4}$ lb. 40c; lb. \$1.50.



GUERANDE OR OX HEART CARROT

Special Cash Discount to Market Gardeners



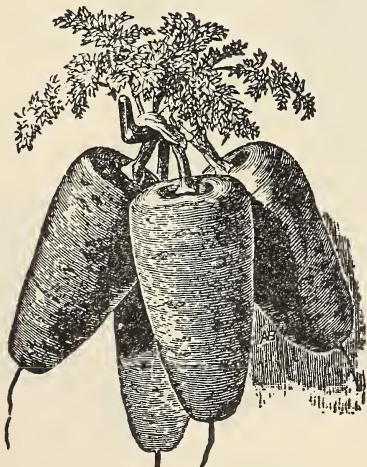
DANVERS CARROT

Guerande, or Ox Heart. Tops small for the size of the roots which are comparatively short but often reach a diameter of 5 inches, terminating abruptly in a small tap root. Flesh bright orange, fine grained and sweet. This variety is especially desirable for soil so hard and stiff that longer rooted sorts would not thrive in it. When young excellent for table use, and when mature equally good for stock. Oz. 15c; $\frac{1}{4}$ lb. 40c; lb. \$1.25.

Danvers. Grown largely on account of its great productiveness and adaptability to all classes of soil. Tops of medium size, coarsely divided. The smooth and handsome roots are deep orange of medium length, tapering uniformly to a blunt point; flesh sweet, crisp, tender and of a deep orange color. Although the roots of this variety are short, they produce as large a bulk as the longer field sorts and are more easily harvested. Oz. 15c; $\frac{1}{4}$ lb. 40c; lb. \$1.25.

Chantenay. (Coreless) Tops medium sized; necks small; roots tapering slightly but uniformly stump rooted and smooth; color deep orange-red; flesh very crisp and tender. Although this is a medium early sort, it furnishes roots of usable size as early as any, is a heavy cropper and is undoubtedly one of the best for both the market and private garden, while its great productiveness makes it very desirable as a field sort. Oz. 15c; $\frac{1}{4}$ lb. 40c; lb. \$1.25.

Long Orange. The most popular of the older sorts for farm use on mellow soil. An improvement obtained by years of careful selection of the best formed and deepest colored roots. Oz. 15c; $\frac{1}{4}$ lb. 40c; lb. \$1.00.



CHANTENAY CARROT

White Belgian. Grows one-third out of the ground. Root white, green above ground, with small top. Flesh rather coarse. The roots are of large size and the variety is extensively grown for stock feeding. Oz. 10c; lb. \$1.00.

CAULIFLOWER

Blumenkohl (Gr.) Cavolfiore (It.)

The Cauliflower delights in a rich soil and an abundance of water. Sow seed for an early summer crop in February or March in a hotbed. When plants are three or four inches high, transplant four inches apart in boxes or frames. In the middle of the spring or as soon as deemed prudent, the plants may be removed to open ground. Set plants from 2 to 2½ feet apart each way. For late Cauliflower sow the seed in a cool moist place about June 1st.

Early Snowball. The most popular and profitable of the Cauliflower family. Heads of uniform size, snowy white, very tender, and owing to its attractive appearance a most desirable market variety. Seed grown in Denmark. Oz. \$2.00; $\frac{1}{4}$ lb. \$6.00.



Early Snowball Cauliflower

Danish Giant or Dry-Weather. This strain of Snowball Cauliflower is especially valuable for high ground, as it is more vigorous than the Early Snowball, and stands dry weather better. The heads are a little larger than Snowball and mature a week or two later and have more leaves to protect them from sun and frost. Oz. \$2.00.

CELERY

Sellerie (Gr.) Sedano (It.)

CULTURE—Celery seed is slow to germinate, and ample time must be given. Sow thinly; cover lightly. Keep constantly moist. Count on about 7,500 plants per ounce of seed, or $\frac{1}{4}$ pound per acre. When the seedling plants are 3 inches high they should be clipped at the top, to favor stocky growth, or else transplanted. Celery is mostly grown under flat culture, without trenches, in rows 4 feet apart, 6 inches apart in row. For home use celery is often grown in double rows, 10 inches apart, without trenching, and banked for winter storage just where it grows, without lifting.

Columbia. An exceptionally fine, early variety, is of medium height, but very stocky. Stalks are thick, almost round, are of a rich, yellow color, and its fine flavor and crispness will please the most critical. Pkt. 10c; $\frac{1}{2}$ oz. 35c; oz. 60c; $\frac{1}{4}$ lb. \$2.00.

Golden Self-Blanching. This is the very best celery for early use. It is in condition as early in the fall as any, and we have yet to find an extra early sort equal in quality and appearance to our stock of **GOLDEN YELLOW SELF-BLANCHING**. Critical gardeners and consumers generally depend upon this variety to produce their best early celery. Plants of medium size, compact and stocky—with yellowish green foliage. As they mature the inner stems and leaves turn a beautiful golden yellow, so that blanching is effected at a small expense of time and labor. Oz. 85c; $\frac{1}{4}$ lb. \$2.75; lb. \$10.00.



Golden Yellow Self-Blanching

Golden Plume Celery. A large early Celery of superfine quality and appearance. Large heavy stalks with a full, solid heart of golden yellow, easy to blanch, a good keeper, and always of the crisp, brittle and nutty quality so much desired. Shows a marked resistance to blight, so often affecting the early yellow strains. Pkt. 25c; $\frac{1}{4}$ oz. \$1.75; $\frac{1}{2}$ oz. \$3.00; oz. \$5.50.

Wonderful. Authorities pronounce this the best golden self-blanching celery. Matures two to three weeks before any other and blanches in half the time required by others. Large, crisp, tender. No strings. Broad stalk, does not grow hollow, and all of it, including the foliage, is good eating. Marked resistance to blight and rust, earlier maturity, superior keeping qualities. It possesses a fine, nut-like flavor, and is handsome in appearance. We offer the raiser's original strain. Pkt. 25c; $\frac{1}{4}$ oz. 75c; oz. \$2.00; $\frac{1}{4}$ lb. \$6.00.

White Plume. A handsome very early sort. In great demand as a market celery, owing to its very attractive appearance. Requires a short time only for blanching. Leaves light green with tips almost white. Oz. 30c; $\frac{1}{4}$ lb. \$1.50; lb. \$3.50.

Easy Blanching. A new variety of great merit. The habit is dwarf and compact, with light green foliage which has almost a yellowish hue. It is very easily blanched and might be termed a second-early variety, as it is ready for use to follow Golden Self-Blanching. Due to the solidity of the stalks it is a first-rate keeper, and may therefore be grown for winter and spring use. The flavor is first-class, while the stalks are pure white, heavy and crisp. Oz. 90c; $\frac{1}{4}$ lb. \$2.00.

Winter Queen. This is without question the most valuable variety of celery for winter and spring use, even excelling the celebrated PERFECTION HEARTWELL as a winter keeper. It is also much stouter, thicker and heavier with double the amount of heart of any known celery. Oz. 30c; $\frac{1}{4}$ lb. \$1.00.

Celeriac or German Celery

Large Smooth Prague. The best of all with a large smooth root of splendid quality. Pkt. 5c; oz. 25c.

CHICORY OR FRENCH ENDIVE

Cichorien-Wurzel (Gr.) Cichoria Selvatika (It.)

Witloof. Known in restaurants as French Endive. Sown in May and June in drills. Transplant or thin to 6 inches; treat as endive, except that late in summer or fall it should be gradually banked up like celery. The stalks, when blanched, make a delicious salad. Oz. 20c; $\frac{1}{4}$ lb. 75c.

SWEET CORN

Maischkorn (Gr.) Mais (It.)

A rich, warm, alluvial soil is the best, but excellent sweet corn can be raised on any good, ordinary soil, if it is deeply and thoroughly worked before planting. If planted in rows, make the rows about three and one-half feet apart and place the seed fourteen to sixteen inches apart in the row. If planted in hills, make the hills three feet apart each way, six kernels to the hill. Hoe frequently, and when six inches high leave three or four plants in the hill.

Mammoth White Cory

We consider this the best extra early corn. Ears very large for so early a variety. Stalks about 4 feet high, each generally bearing two large, finely shaped ears which become fit for use as early as those of any variety in cultivation. They are twelve-rowed, 6 to 7 inches long. Grain large, broad, very white and of remarkably good quality. 1 lb. 30c; 2 lb. 60c.

Golden Bantam.

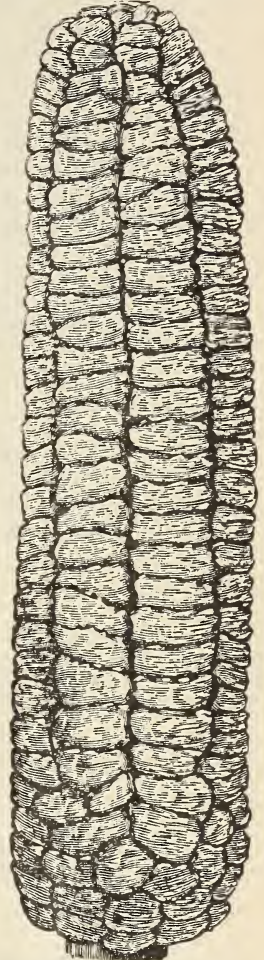
A beautiful golden yellow, sweet and tender. In season it comes in mid-summer about the time of Improved Champion. A most important point in favor of Golden Bantam is that it holds its quality longer after being picked than any other variety we have tested (one of the greatest advances in sweet corn in this respect in years). As a market variety for wagon or fancy grocery trade, Golden Bantam has many points in its favor. It is of merchantable size, and in addition it possesses superlative quality. 1 lb. 35c; 2 lb. 70c; 10 lb. \$3.00.

Golden Cream.

The ears are ready for use within 85 to 90 days after seeds were sown. Grains are long and pointed, rich cream color when ready, but turn to light golden-yellow when cooked. Pkt. 10c postpaid. $\frac{1}{2}$ lb. 25c; lb. 40c; 2 lbs. 70c; 10 lbs. \$3.00.

Golden Giant. This is the largest of the yellow sugar varieties, the ears measuring up to 8 inches long. The cob is of small diameter, and contains twelve to eighteen rows of long, thick grains which cover the entire surface and are deep orange in color, extremely juicy and sweet. Pkt. 10c postpaid. $\frac{1}{2}$ lb. 25c; lb. 40c; 2 lbs. 70c; 10 lbs. \$3.00.

Howling Mob. This corn originated in Ohio and it became so popular it was given the above name. The endeavor of the originator of this corn, was to get as large an ear as possible, early in the season and of sweet flavor. This corn is of strong and vigorous growth, from 4½ to 5 feet high and has abundant foliage and generally produces two ears to each stalk. Ears measure 7 to 9 inches in length with 12 or 14 rows. The corn is pearly white, usually covered with



GOLDEN BANTAM CORN.

a heavy husk which extends well over the tip of the ears which affords a good protection from worms and birds. 1 lb. 35c; 2 lb. 60c; 10 lb. \$2.75.

Black Mexican. This corn, when in condition for the table, cooks a bluish black. It is surpassed by none in tenderness and is a most desirable second early sort; ears about 8 inches long, usually eight-rowed. 1 lb. 35c; 2 lb. 60c; 10 lb. \$2.50.

Golden Evergreen Sweet Corn. New variety, extra fine, very sweet and tender, and keeps in eating condition longer than most sweet corns. Ten days to two weeks earlier than Stowell's Evergreen. A cross with Stowell's Evergreen and Sweet Orange, which is a second early, yellow, very tender and extra sweet variety. Golden Evergreen has a medium sized ear and stalk, making it a desirable sweet corn for market gardeners. Originated a few years ago by Charles Coolidge, a market gardener of Ontario County, New York. Took first premium at the N. Y. State Fair, in 1916 and 1917, only times exhibited. 1 lb. 40c; 2 lb. 75c; 10 lb. \$3.00.

Early Evergreen. We have tested many samples of Evergreen corn that were claimed to be earlier than Stowell's Evergreen and to be just as good, but we have never found any of them so valuable as the stock of this variety we offer. It has been proven both on our trial grounds and in the field to come into fit condition for use much earlier than Stowell's Evergreen and to remain in condition quite as long. Ears about seven inches long, with fourteen to twenty more or less irregular rows with very deep grain which is of the very best quality. Plants average from six and one-half to seven feet high and in ear resemble those of Stowell's Evergreen, but differ in earliness and we think are more uniform. A standard main crop variety for home garden and market; also well adapted for canning. 1 lb. 40c; 2 lb. 70c; 10 lb. \$3.00.

Stowell's Evergreen. This standard main crop variety excels all other late sorts in sweetness and productiveness. It is more popular than any other for canning, for marketing and for the home garden. Great care has to be exercised in the selection of stock to grow seed from, as this variety has a tendency to deterioration and a shorter grain, which makes it less sugary and desirable. We have a large and growing trade among canners and market gardeners who must have a genuine Stowell's Evergreen, and our stock is known as the safest for all purposes. 1 lb. 40c; 2 lb. 70c; 10 lb. \$3.00.

Country Gentleman. There is no sweet corn that compares with the Country Gentleman for sweetness. It is the variety par excellence where quality is desired. Market gardeners who make a specialty of growing for hotels and high class restaurant trade use this as a main crop in preference to any other. For home use it will be found superior and it is very productive. The fact that it is a favorite variety with canners proves its merit. 1 lb. 30c; 2 lb. 60c; 10 lb. \$2.50.

CORN SALAD

Feldsalat (Gr.) Valeriana (It.)

Large round leaved or small seeded. Oz. 15c; lb. \$1.50.

CHERVIL, Curled, Gartenkerbel

Treat like parsley. A valuable flavoring herb. Oz. 20c; lb. \$1.50.

CRESS or Peppergrass, Kresse

Kresse (Gr.) Agretto (It.)

Cress. Fine for salads. Garden curled. Oz. 15c; lb. 85c.

Water Cress, Dwarf. Fine curled, grows in shallow water. Oz. 45c.

CUCUMBERS

Gurken (Gr.)

Cetriolo (It.)

Culture—Flourish best in a rich, warm, sandy loam. Sow when danger of frost is over in hills four or five feet each way. As the young plant has many enemies sow thickly half an inch deep, and thin out finally to three

or four plants to the hill. Use one ounce of seed to 75 hills, two to three pounds to the acre. Gather cucumbers by cutting, not tearing. Leave none to ripen if you want a full crop.



The Above Shows the True Type of Cucumbers

No. 1, Early Cluster; 2, Long Green; 3, Early Frame; 4, Early Russian; 5, White Spine

Early Cluster. An early and very productive variety. Fruit small, thick at the end, dark green, but lighter at blossom end, borne in pairs or clusters and largely near the root. Used to some extent for pickles. Oz. 15c; ¼ lb. 40c; lb. \$1.50.

Special Cash Discount to Market Gardeners

Early Fortune. Slightly longer than "Arlington White Spine," more cylindrical in shape, with very dark green skin and thick flesh, which is tender and crisp, making it especially good for slicing. Pkt. 10c; oz. 20c.; $\frac{1}{4}$ lb. 50c; lb. \$1.75.

White Spine Improved, or Arlington. Great bearer; standard for outdoors. Oz. 15c; $\frac{1}{4}$ lb. 40c; lb. \$1.75.

Davis Perfection. A distinct variety of the hardy White Spine type. Fruit large, symmetrical, dark green and thickly set with fine spines. Though especially recommended for pickling, it is valuable for slicing, being of excellent quality. Vine vigorous, prolific, bears a long time. Oz. 15c; $\frac{1}{4}$ lb. 40c; lb. \$1.50.

Long Green. Fruit from 10 to 12 inches long, dark green, very firm and crisp. It is used largely for slicing, but on account of its firmness and crispness is popular with some for pickling and is especially desirable, when mature, for sweet pickles. Vine of strong, vigorous growth, and productive. Oz. 15c; $\frac{1}{4}$ lb. 50c; lb. \$1.75.

Boston Pickling. A favorite for pickling. Medium size; smooth; light green; productive. Oz. 15c; $\frac{1}{4}$ lb. 40c; lb. \$1.50.

Chicago Pickling. This variety is preferred above all others by some of the largest pickling establishments in Chicago and elsewhere. It is one of the best for the purpose, combining almost every good quality and being alike satisfactory to grower and pickle maker. I have a choice strain of this seed. Oz. 15c; $\frac{1}{4}$ lb. 40c; lb. \$1.50.

Japanese Climbing. Vigorous grower, with strong, grasping tendrils which enable it to climb trellis, netting or brush. Fruit of good size. Oz. 15c; $\frac{1}{4}$ lb. 60c; lb. \$1.75.

Rollison's Telegraph. A standard greenhouse variety English greenhouse grown stock. $\frac{1}{2}$ pkt. 30c; pkt. 50c.

Small Gherkin. A curious, rough little cucumber, used exclusively for pickling, for which purpose it is in high favor. Makes handsome pickle of first-class quality. Oz. 15c; $\frac{1}{4}$ lb. 50c; lb. \$2.00.

DANDELION

Broad-Leaved. Extra selected with large broad leaves. An excellent and healthful salad plant. Pkt. 20c; $\frac{1}{2}$ oz. 60c; oz. \$1.00; $\frac{1}{4}$ lb. \$3.50.

Common. Pkt. 10c; $\frac{1}{2}$ oz. 30c; oz. 50c; $\frac{1}{4}$ lb. \$1.50.

EGG-PLANT

Eierpflanze (Gr.) Petronciano (It.)

CULTURE—Plant the seed in March in a hotbed, or, for family use, in flower pots in a warm window. Transplant in open ground after weather has become warm and settled, in rows two feet apart each way. They require rich soil and as favorable a location for warmth as the garden will afford. One ounce to one thousand plants.

Black Beauty. Considered the earliest of the large fruited varieties. Color, a rich purple. Pkt. 10c; oz. 50c; 4 oz. \$1.50.

New York Improved Purple. Surpassing all in size of fruit. Standard market sort. Oz. 50c; $\frac{1}{4}$ lb. \$1.50.

ENDIVE

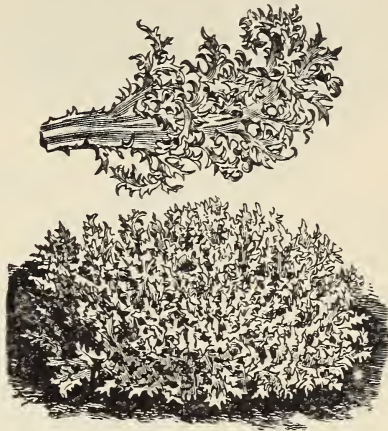
"Escarolle" Endivien (Gr.) Endivia (It.) Broad Leaf

CULTURE—Sow as soon as the ground can be worked, in drills 15 inches apart, and thin plants to 6 to 8 inches in a row. To blanch the leaves, gather them carefully together when perfectly dry, and tie with matting or any soft fibrous material. The leaves are very highly esteemed for use as salads. One ounce will sow 150 feet of drill.

London Green Curled. A standard sort. Oz. 15c; $\frac{1}{4}$ lb. 35c; lb. \$1.25.

White Curled. A beautiful variety, with leaves as finely curled or mossed as the preceding, but of an attractive light green color. Blanches easily and has a most delicious and crisp flavor. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 40c; lb. \$1.50.

Broad Leaved Batavian. A large summer variety. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 35c; lb. \$1.50.



Endive

Garlic. KNOBLAUCH (Gr.) Sets, lb. 60c. AGILO (It.)

HERBS

Aromatic, medicinal and pot herbs. See page 25.

KALE or Borecole

Blaetterkohl (Gr.)

Cavolo rapa (It.)

Sow in May and transplant in June, and treat generally as for cabbage.

Dwarf Curled Scotch. A standard variety. Oz. 15c; $\frac{1}{4}$ lb. 50c.

Tall Green Curled. Oz. 15c; $\frac{1}{4}$ lb. 50c.

KOHL-RABI

Knollkohl (Gr.)

Cavolo rapa (It.)

White, above ground. Pkt. 10c; oz. 30c; $\frac{1}{4}$ lb. 75c.

Purple, above ground. Pkt. 10c; oz. 30c; $\frac{1}{4}$ lb. 75c.

LEEK—American Broad Flag

Lauch-Porree (Gr.)

Porro (It.)

Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 75c.

LETTUCE

Kopfsalat (Gr.)

Lohuga (It.)

CULTURE—Lettuce thrives on nearly all soils, but because the growth should at all times be rapid to insure crispness and best flavor, the soil should be heavily enriched and well worked before planting. Lettuce being quite hardy, seed may generally be sown as soon as ground can be fitted.

Simpson Early Curled. (White Seeded)—A very extensively used early loose leaved or clustering variety. Leaves light green, slightly frilled and much blistered. Crisp, sweet and tender. Especially adapted for thick sowing. Very fine for poultry feeding. Pkt. 10c; oz. 20c; lb. \$2.00.

Grand Rapids. (Black Seed)—As a greenhouse forcing lettuce this stands at the head of the list. Quick growing, very hardy—not liable to rot. The plant is upright, forms a loose cluster of large thin bright green leaves, savoyed, finely crumpled at the edges. Very attractive and desirable for garnishing. Pkt. 10c; oz. 20c; lb. \$2.00.

Onondaga. This remarkable variety was introduced by us many years ago. A splendid greenhouse sort, slightly fringed, forming a semi-head, a wonderful

**Big Boston Lettuce**

shipping and keeping variety, green under glass and of slightly reddish cast when grown in the open. Tender, crisp. Pkt. 10c; oz. 20c; lb. \$2.00.

Cabbage or Heading Varieties

May King. (Seed White.) This is a handsome, extremely early, compact cabbage or heading variety for the home garden and market, forming very firm heads of medium size and excellent quality. The color is light yellowish green, tinged with reddish brown when mature. The inner leaves blanch rich golden yellow, very tender and buttery. The plant is very compact for so large a head. Oz. 20c; ¼ lb. 60c; lb. \$2.25.

**Grand Rapids Lettuce**

leaves are broad, comparatively smooth but wavy at the edge, very hardy and vigorous. Thin, very hard and crisp. In color bright light green, the head slightly tinged with reddish brown. The inner leaves blanch to an attractive greenish white, tinged with light yellow. It heads up under cold weather conditions better than any other variety. Pkt. 10c; oz. 25c; lb. \$2.50.

Unrivaled. Same as Big Boston, but smaller and earlier. Pkt. 10c; oz. 25c; lb. \$2.50.

Hanson Head. (Seed White.) A very desirable late summer lettuce. The plant is compact and forms a cabbage like head which remains in condition longer than summer-head sorts. Outer leaves bright, yellowish green and broad. Somewhat crumpled and frilled edge and with a distinctive mid-rib. Inner leaves white, crisp and sweet. Pkt. 10c; oz. 20c; lb. \$1.50.

Iceberg or New York Head. Curled or crisp as iceberg, dark green heads somewhat conical. Pkt. 10c; oz. 20c; lb. \$2.50.

Romaine or White Cos. The Cos Lettuce differs in shape from other sorts. Head being elongated and of conical form, about nine inches in height and about six inches in diameter. Outer coloring yellow green. To secure best results it should be tied up. Pkt. 10c; oz. 20c; lb. \$2.00.

Chicken Lettuce. Does not make a head but sends up a stout stalk three to four feet high. Just loaded with leaves. When once cut it starts to grow again. Pkt. 10c; oz. 25c; lb. \$2.25.

Big Boston

This market variety is very popular for outdoor culture and is also in demand as a compact, large heading, forcing sort for cold frames. The plants are large, very hardy and vigorous.

The leaves are broad, comparatively smooth but wavy at the edge, very hardy and vigorous. Thin, very hard and crisp. In color bright light green, the head slightly tinged with reddish brown. The inner leaves blanch to an attractive greenish white, tinged with light yellow. It heads up under cold weather conditions better than any other variety. Pkt. 10c; oz. 25c; lb. \$2.50.

MUSKMELON

Melone (Gr.) Popone (It.)

The Muskmelon succeeds best in warm, rich soil. While both plant-food and humus are necessary to all plants, all vines require an extra amount. Manure contains both, while rotted turf and commercial fertilizer combined supply both. If manure is used it should be well rotted, finely pulverized and evenly distributed through the soil.

Hoodoo Muskmelon. As a Muskmelon for the private garden, this variety will surely please all who plant it. The vines make a strong and vigorous growth, which enables them to withstand disease and produce an abundant crop of the most delicious muskmelons one can imagine. The melons are not large, but of convenient size, and present a fine appearance. The rind and flesh at blossom end are very firm, the skin is thickly netted, and the flesh a rich, deep orange color, fine grained and of remarkable sweetness. Pkt. 10c; oz. 20c; ¼ lb. 50c; lb. \$2.00.

**Rocky Ford Muskmelon**

green, thick, very sweet and of rich flavor. Oz. 15c; ¼ lb. 50c; lb. \$1.50.

Benders Surprise. A fine variety of exceptional merit. The fruits are round and deeply ribbed and finely netted. A salmon fleshed, thick meated, delicious in flavor. Oz. 20c; ¼ lb. 60c; lb. \$2.25.

Extra-Early Hackensack. Fruit of good size, nearly round. Flesh green, a little coarse, but very juicy and sweet, and of good flavor. Vine very productive. Oz. 15c; ¼ lb. 40c; lb. \$1.50.

Miller's Cream Osage. Larger than Emerald Gem; nearly round in form, but having the same distinct dark green skin with lighter bands between the ribs, and thick, firm, orange flesh of fine quality. Oz. 20c; ¼ lb. 60c; lb. \$2.00.

Honey Dew Melon. "Sweetest Melon Ever Grown." The rind is a dull white when ripe. Part of the melon shows a slight check in the rind like a tendency to net. This appears when the melon is ready to pick. The size runs from six to seven inches in diameter from top to bottom, and eight inches in length. The matured melons are practically all of the same shape and size. Flesh is a light green and is almost honey sweet. This melon will keep several weeks. This is one of the best market melons known. Vines vigorous, and produce six to ten fine melons to the hill. Oz. 20c; ¼ lb. 60c; lb. \$2.00.

Emerald Gem. A splendid early variety, coming in just ahead of Rocky Ford; fruits deep emerald green in color, globular or slightly flattened, irregularly and distinctly ribbed and lightly netted; flesh very thick, sweet and of a deep, rich salmon yellow, having an exceedingly small seed cavity. One of the best melons for the home garden and local market, but not a shipper. Oz. 20c; lb. \$1.75.

WATERMELON

Melone (Gr.) Popone (It.)

Sweet Heart. Introduced in 1894 and is very popular as a shipping melon particularly in the South. Vine vigorous and very productive, ripening its fruit evenly. Fruit of largest size, oval, very heavy, rind thin but firm; color very light green, very slightly veined with a little darker shade. Flesh bright red, firm but very tender and sweet. Fruit remains in

good condition a long time after ripening. Seed black. Our stock will be found very uniform in shape, size and color. Oz. 10c; lb. \$1.00.

Cole's Early. An early, oval shaped variety. Large heart, flesh of fine texture and good flavor. It grows to a medium size, and the skin is green with light stripes. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 40c; lb. \$1.25.

Harris' Earliest. This excellent watermelon grows rather large for an early variety, slightly oval in shape, skin mottled light and dark green. It is uniform in size and shape; the flesh is solid, bright red, very tender and sweet. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 45c; lb. \$1.00.

Fordhook Early. Fordhook Early Watermelon will ripen in sections too cool to grow a good crop of any other watermelon. There is no other melon of such large size which can make this claim. If you have been under the impression that you could not grow watermelons in your garden on account of the short season and comparatively cool weather, we would suggest that you make a trial with Fordhook Early. Oz. 20c; $\frac{1}{4}$ lb. 45c; lb. \$1.25.

MUSHROOM SPAWN

Large, vigorous and finely flavored mushrooms, either French or English. Brick about $1\frac{1}{4}$ lbs. 75c.

MUSTARD

White English. Leaves comparatively small and smooth, deeply cut or divided and of medium dark green color. Plant upright, of rapid growth and soon bolts to seed. Leaves, when young, are mild and tender. Seed light yellow and larger than that of other varieties. Oz. 15c; lb. 60c.

Southern Giant Curled. Leaves large, light green with tinge of yellow, much crimped and frilled at edges. Plant upright or slightly spreading in growth. Highly esteemed in the South for its vigorous growth, hardness and good quality. Seed small, reddish brown to nearly black. Oz. 15c; lb. 75c.

NASTURTIUM

Tall Mixed Garden. Sometimes called Indian Cress. Grown not only for ornament but the beautiful orange colored flowers and foliage are used for garnishing and the young leaves or shoots are excellent for salads. The green seed pods are greatly esteemed by many for use in mixed pickles. Early in spring sow, preferably in rather light soil, in rows 3 feet apart and 2 inches apart in the row, covering one inch deep. When the young plants are about four inches high thin to six inches apart in the row. The vines can be supported if so desired by stakes, strings or brush. Oz. 15c; $\frac{1}{4}$ lb. 30c; lb. \$1.00.

OKRA OR GUMBO

The young seed pods are used in soups, stews, cat-sups, etc. Highly esteemed in the South. After danger of frost is past, the ground being warm and in good condition, plant in rows about two and one-half feet apart, covering with about an inch of fine soil firmly pressed down. When about three inches high, thin to about one foot apart in the row. Cultivate and keep free from weeds. The pods are in best condition for use when from one to three inches long.

White Velvet. Plant is about three and one-half feet high, early maturing and very productive. Pods white, long, smooth and are tender until nearly full sized. Oz. 15c; lb. 75c.

ONIONS

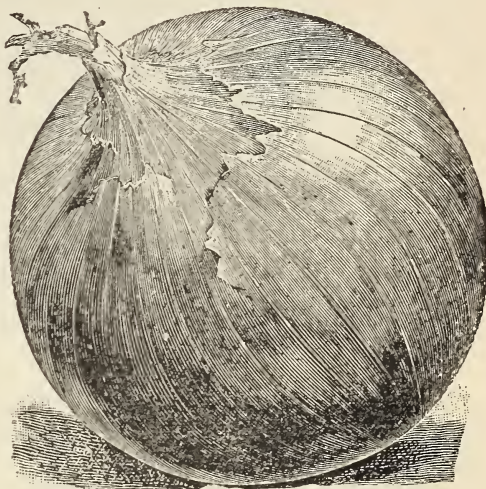
Zwiebel (Gr.) Cipolio (It.)

HOW TO RAISE ONIONS

Sowing the Seed. This should be done as soon as the ground can be made ready and can be done best by a hand seed drill. This should be carefully adjusted

to sow the desired quantity of seed about one-half inch deep. The quantity needed will vary with the soil, the seed used and the kind of onions desired. Thin seeding gives much larger onions than thick seeding. Four or five pounds per acre is the usual quantity needed to grow large onions. We prefer a drill that sows a very close row.

Prizetaker. Grows to an immense size and for fall marketing is unexcelled. Although of such great size, it is very hardy and a fair winter keeper, as it ripens up hard and firm; very fine grained, and of mild, delicate flavor. The outside skin is rich yellow while the flesh is white. Oz. 30c; lb. \$2.75.



Yellow Globe Danvers Onion

Southport White Globe. This grows to a very large size and is a perfectly globe-shaped onion. Color is a clear pure white. This variety is used by the market gardeners for bunching. Oz. 45c; lb. \$4.50.

Early Flat Yellow Danvers. A good variety, but not as round or quite as early as the Yellow Globe Danvers. Very productive. Oz. 25c; lb. \$2.25.

Southport Yellow Globe. A large, perfectly shaped Globe onion and an excellent onion for keeping throughout the winter. A very heavy cropper, handsome in appearance and good dark yellow color. Oz. 30c; lb. \$3.00.

Yellow Globe Danvers. This fine onion is of large size. An early and abundant cropper. Bulbs very thick, flat or slightly convex bottoms, full oval top with small neck and rich brownish yellow skin. Oz. 30c; lb. \$2.75.

Southport Red Globe. This is a fine keeper. Large size and considered one of the best red onions. Flesh is fine grained, very mild and tender. Oz. 30c; lb. \$2.50.

Brown Bottom Sets. Treated precisely as top onions are, setting them out in the spring instead of sowing seed. Qt. 30c; per bu. \$4.00.

Yellow Bottom Sets. Like the preceding except in color and used in the same manner. Qt. 40c; per bu.

White Bottom Sets. These do not keep as well as the brown or yellow, but produce beautiful white onions early in the season. Per qt. 30c; per bu. Prices of all onion sets are subject to fluctuations of the market throughout the season, or as long as our stock lasts.

Special Cash Discount to Market Gardeners
Prices Subject to Change Without Notice

White Portugal. American Silver Skin. This is the best sort to sow—for onion sets or for pickling. When sown thickly for either it makes a small, round, hard bulb. Oz. 30c; lb. \$3.25.

Ailsa Craig. A handsome globular variety, growing to an enormous size, with pale yellow skin, flesh white, a good keeper and valuable for exhibition purposes. Very fine for home gardens. Oz. 30c; lb. \$3.50.

Large Red Wethersfield. We have a very fine and select strain of this sort. Color is deep purplish red, flesh white, moderately grained and very firm. Yields an enormous amount per acre, and is one of the best winter keeping onions. Oz. 30c; lb. \$2.25.

PARSLEY

Petersille (Gr.)

Prezzemolo (It.)



Double Curled Parsley

CULTURE—Sow seeds in shallow drills in the early Spring for border, or in rows 12 to 13 inches apart, care being taken that the drills be not more than one-half inch in depth, and that the seed be well pressed down after sowing, as the seed germinates very slowly, three to five weeks elapsing sometimes before it makes its appearance. Use one ounce to 150 feet of drill, three pounds to an acre. Cultivate frequently.

Plain Parsley. The leaves of this variety are flat, deeply cut but not curled. Very desirable for flavoring soups and stews and for drying. It is a favorite on account of its very dark green leaves, as well as its hardness. The curled sorts are very extensively used for garnishing. Pkt. 10c; oz. 15c; lb. \$1.00.

Champion Moss Curled. This is a vigorous, compact growing variety, excellent for garnishing and flavoring. A handsome decorative plant. Leaves very finely cut and so closely crisped or curled as to resemble bunches of moss. Fine deep green color and very attractive foliage. Pkt. 10c; oz. 15c; lb. \$1.25.

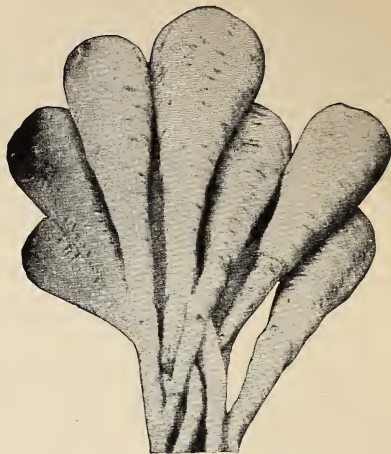
PARSNIPS

Pastinake (Gr.)

Pastinaca (It.)

CULTURE—Sow in early Spring, in rows two to three feet apart, thin to four or six inches in the row. One ounce of seed will sow 200 feet of drill, four to five pounds per acre in drills two and one-half feet apart. Cover the seed one-half inch. Use rotted manure and fertilizer. Parsnips may be left in the ground all winter.

Improved Hollow Crown. This really is the greatest old-time favorite among the parsnips and has a host of friends which it will never lose. It is very smooth, white, with a very thick shoulder and tapering down to a graceful point. One of the best known, none better. Oz. 15c; lb. 90c.



Hollow Crown Parsnip

Guernsey (Same as Hollow Crown.) Greatly improved strain. The roots do not grow as long as the Hollow Crown, but are of greater diameter and very easily gathered. A very heavy cropper. Roots very smooth. Flesh fine grained and of excellent quality. Oz. 15c; lb. \$1.00.

PEAS

Erbsen (Gr.)

(Piselli It.)

For early peas the soil should be light and warm, but for general crop a moderately heavy soil is better. Fresh manure and very rich or wet mucky soil should be avoided, as they cause a rank growth of vine at the cost of the quality of the peas; such soil is often the cause of early sorts maturing unevenly. Sow as early as possible a few of some early variety on warm, quick soil, prepared the fall before, planting in double rows six to eight inches apart and two and one-half to four feet between the double rows. The general crop can be delayed until later, but we have met with better success from sowing all the varieties comparatively early, depending for succession upon selecting sorts that follow each other in maturity.

Earliest of All, or Alaska. By careful selection and growing we have developed a stock of this smooth blue pea of unequalled evenness in growth of vine and early maturity of pods which are filled with medium sized, bright green peas of good flavor. Vines of medium height, about two and one-half to three feet and of distinctive light color. Pods of good size, about two and one-half to two and three-fourths inches long. Seed small, smooth, and bluish green in color. Matures all the crop at once and is an invaluable variety for market gardeners and canners. Lb. 30c; 2 lb. 55c; 10 lb. \$2.25.

American Wonder. Vigorous and productive vines, with a luxuriant foliage, and producing the leaves on one side of the stock, growing from 9 to 12 inches high. On account of its dwarf habit of growth it is very desirable for private garden use. Pods are light colored, straight, round, about two and one-half inches long and blunt at the end. Fit for picking seventy-five days after planting. Seed is wrinkled, green, medium sized and square at the end. Lb. 35c; 2 lb. 60c; 10 lb. \$2.50.

Nott's Excelsior. Resembling Gems in habit, but more dwarf and uniform in growth, height 12 to 17 inches, with rather light foliage. Pods are light in color, round, about two and one-half inches long, blunt at the ends. Fit for picking seventy-seven days from planting. Seed green, wrinkled, medium sized and square at the ends. Lb. 35c; 2 lb. 60c; 10 lb. \$2.25. Nott's Excelsior, Marvelous and Smith Excelsior are the same.

Special Cash Discount to Market Gardeners

Little Marvel. We are sure that as soon as American gardeners, whether for pleasure or profit, become acquainted with Little Marvel they will drop both Little Gem and Nott's Excelsior, popular as these two varieties are today. The vines, of dwarf even growth, average fifteen inches in height and are heavily set with fine pods, frequently borne in pairs. The pods average two and one-half inches in length, are square at the bottom and well filled with six to seven quite large, deep green peas. The peas are ready for the table fully as early as American Wonder or Nott's Excelsior, while the pods are larger and the vines produce a much heavier crop. All who desire a fine early crop of the choicest quality of wrinkled peas will be delighted with Little Marvel. Lb. 35c; 2 lb. 60c; 10 lb. \$2.50.

Premium Gem. Desirable, early, green, wrinkled, dwarf variety similar to but better than McLean's Little Gem. The vine is very productive and grows to a height of from fifteen to eighteen inches. The pods are of medium size and crowded with six to eight very large peas of fine quality. The seed is green, large, wrinkled, often flattened. Lb. 30c; 2 lb. 55c; 10 lb. \$2.25.

Gradus. A very early, wrinkled pea. Vine similar in appearance to Telephone, but of medium height, only about three to three and one-half feet. The pods are very large, about four and one-fourth inches long, very nearly as large as those of Telephone, uniformly well shaped, pointed, handsome and more attractive than those of the first earlies. Peas very large, of splendid quality and beautiful light green color which they retain after cooking. Practically the same as Prosperity Lb. 55c; 2 lb. 60c; 10 lb. \$2.50.

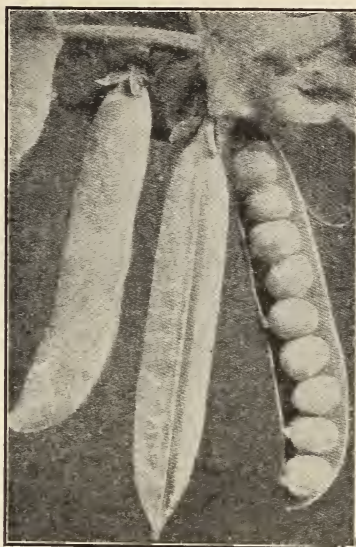
Thomas Laxton. A very early, wrinkled variety of great merit. Vine vigorous, of medium height, about three feet, similar to that of Gradus, but darker in color, harder and more productive. Pods large, often four inches long, with square ends, similar to but larger, longer and darker than those of Champion of England and as uniformly well filled. The green peas are very large, of fine deep color and unsurpassed in quality. We are certain that the earliness and productiveness of this pea need only to be known to make it one of the most popular sorts for the market and home garden, as in appearance and quality it is one of the very best varieties yet produced. Lb. 35c; 2 lb. 60c; 10 lb. \$2.50.

Potlatch or Improved Stratagem. Strong, vigorous vines of even growth, 20 to 24 inches in height, with luxuriant dark foliage, bearing pods medium green in color, three and one-half to four inches in length. Broad and pointed at the ends. No variety known will produce more pods, and no pods could possibly shell out better. The Potlatch is a variety from which anyone may expect great things. Fit for table use 61 days from planting. Seed green, wrinkled, large in size. We consider ourselves very fortunate in having secured and introduced this pea. Lb. 30c; 2 lb. 55c; 10 lb. \$2.25.

To Prevent Damage from Pea Louse. Sow a strip of turnip seed about five feet wide around the field of peas, which will attract the pea louse, and will feed upon the turnip instead of the peas; thus preventing the destruction of the crop. Sow early turnips with Early Peas and late turnips with Late Peas. This has been given to us by an expert grower, who claims it to be a sure remedy.

Telephone. This has become the leading pea with the market gardeners whose trade appreciates fine appearance and high quality. Vines tall and vigorous, growing about four feet high, with large, coarse, light colored leaves and producing an abundance of pointed pods of largest size, often four and one-half to five inches long, attractive bright green, filled with very large peas which are tender, sweet and of excellent flavor. It comes into use soon after the Premium

Gem and is one of the best sorts for either home or market. Lb. 30c; 2 lb. 55c; 10 lb. \$2.25.



Duke of Albany. A most valuable variety of the Telephone type; remarkably hardy in growth, producing dark green pods of large size, well filled with extra large sweet peas. The vines grow three feet in height and are very productive. Lb. 30c; 2 lb. 50c; 10 lb. \$2.25.

Telephone Peas (Dark Green Pods)

Alderman. This comparatively new pea is in many respects the very best early main crop variety of the valuable Telephone type. The vines are tall growing, about four and one-half to five feet high, dark green, vigorous and exceedingly productive. Pods of largest size, often five to five and one-half inches long, dark green, similar to but a little larger and a shade darker in color than Duke of Albany and about the same in season. The peas are of largest size and unsurpassed in quality. Market gardeners are demanding the large podded, dark colored sorts which retain their fine appearance even after shipping a long distance. The Alderman answers these requirements and furthermore is the most productive variety of this class. We recommend it unreservedly. Lb. 30c; 2 lb. 50c; 10 lb. \$2.25.

Later Varieties

Horsford's Market-Garden. The vines of this variety are of medium height, about three feet, hardy and very productive, giving the greatest number of pods of any on our list. The foliage is dark green and the leaves are small. The pods are of medium size, about two and three-fourths inches long, each containing five to seven medium sized sweet, dark green peas which retain well their color and sweetness after canning. Seed wrinkled and of medium size. Lb. 30c; 2 lb. 55c; 10 lb. \$2.25.

Champion of England. A very productive variety, universally admitted to be one of the richest and best flavored of the late peas. The vines are four to five feet high. The seed is light green and much shriveled. Very inferior and mixed stocks of this sort are frequently offered, but when the seed is as well grown and selected as that which we offer we consider the variety equal in quality to any in cultivation and one of the best of its season, either for the home garden or market gardener. Lb. 30c; 2 lb. 60c; 10 lb. \$2.00.

Melting Sugar. (Edible pods) There is a class of peas not generally known in this country but much used abroad in which the sweet, brittle and succulent pods have none of the tough, inner lining found in the ordinary varieties of garden peas. They are used in the same way as snap or string beans. Lb. 35c; 2 lb. 60c.

Prices Subject to Change Without Notice

PEPPER

Pfeffer (Gr.) **Peperone (It.)**

Peppers are most largely used for seasoning meat and vegetable dishes; also for making chow chow and chili sauce. The culture is the same as for egg plant and the plants need quite as much heat to perfect them. Sow seed early in hotbed, or about middle of spring in open seed bed, the soil being light and warm. When three inches high transplant in rows about two and one-half feet apart and two feet apart in the row. Cultivate and keep free from weeds. Guano, hen dung or any other bird manure hoed into the surface soil when the plants are about six inches high will undoubtedly increase the product.

Giant Crimson. The earliest maturing of the extremely large, red sweet peppers and surpassed by none in evenness of size and shape. The plant is vigorous and upright, growing two and one-half to three feet high, larger than that of Chinese Giant and more productive. The fruits are of the largest size, ripen earlier than any of the other very large sorts and average heavier, as the flesh is exceptionally thick. Color deep green when fruit is young, deep crimson when matured; flavor very mild. Oz. 60c; $\frac{1}{4}$ lb. \$2.00.

Pepper-Tomato. A wonderful new creation among vegetables. See picture and description on page 26. Pkt. 25c.

Large Early Neapolitan. Decidedly the earliest of all large, mild, red peppers and the most productive of all large peppers. The fruit measures 4 inches long and $4\frac{1}{2}$ inches in circumference. The strong, vigorous plants grow 2 feet high by 18 inches across; they are heavily laden with large handsome fruit and bear continuously until frost. Single plants carry from 35 to 50 marketable fruits at one time. Skin and flesh bright red; mild as an apple. Pkt. 10c; oz. 60c; $\frac{1}{4}$ lb. \$2.00.

Long Red Cayenne. A well known medium early variety having a slender, twisted and pointed pod about four inches long. Color deep green when fruit is young, bright red when ripe. Extremely strong and pungent flesh. Oz. 40c; $\frac{1}{4}$ lb. \$1.25.



Bell or Bull Nose

mild flesh of excellent quality for use in salads and mangoes or stuffed peppers. The color is deep green when fruit is young, bright crimson when ripe. Slightly pungent. Oz. 40c; $\frac{1}{4}$ lb. \$1.00.

Ruby King. An improved American variety, very large and attractive. The plant is about two and one-half feet high, vigorous, compact and productive. The fruits are often four to four and one-half inches long and of deep green color when young, bright red when ripe. The flesh is thick and mild flavored. One of the best varieties for mangoes or stuffed pepper. Oz. 40c; $\frac{1}{4}$ lb. \$1.00.

Large Bell, or Bull Nose. Our stock of this well known variety, sometimes called Sweet Mountain, is very superior. Plant vigorous, about two feet high, compact and very productive, ripening its crop uniformly and early. The fruits are large, with thick,

Chinese Giant. Plant dwarf, fruit of mammoth size, very broad, yet rather short. It is very late and a rather shy yielder. Popular on account of its large size and mild flavor. Our stock is pure and is as good as can be obtained. Oz. 60c; $\frac{1}{4}$ lb. \$2.00.

Pimiento Pepper. The sweetest pepper grown, as it does not contain the slightest trace of fireiness. The plants are productive and peppers medium size and of a shape which is desirable for stuffing, prepared in which manner they are delicious. It may also be used in salads and for flavoring. Pkt. 10c; oz. 40c; $\frac{1}{4}$ lb. \$1.25.

Golden Queen. Of all the yellow-fruited peppers, Golden Queen is the largest, most productive and finest. The fruit is quite large, unusually meaty, and strictly mild. Rich and glossy golden yellow skin. Our strain of this fine yellow pepper is particularly fine. Pkt. 15c; oz. 50c; $\frac{1}{4}$ lb. \$2.00.

POTATOES

Kartoffel (Gr.) **Patate (It.)**

Plant beans in potato hills. Will keep off the bugs and make a crop of beans.

Early Ohio. "True to Name" Red River Valley Early Ohio Seed Potatoes, the earliest of all and "The King of the Earlies."

Irish Cobbler. Is the best early white potato grown. The tubers are smooth, round, plump and handsome. The flesh is white and of splendid quality.

True Early Rose. The Early Rose is the old standard early potato; rosy blush skin, white flesh; early, productive, and of excellent flavor.

Late Russet. Most vigorous grower and an immense yielder. It is bug proof and blight proof. Has a russet skin; flesh white as snow. A fine cooker. The most valuable late sort on the market.

Carman No. 3. Another large, round, white, main crop potato; tubers are very large, eyes are shallow and few in number, and it is an immense yielder.

PUMPKIN SEEDS

Melonen-Kuerbiss (Gr.) **Zucca (It.)**

Connecticut Field, per oz. 10c; lb. 65c.

Small Sugar Pie Pumpkin, fine for table, per oz. 15c; lb. \$1.00.

Winter Luxury, fine table, per oz. 15c; lb. \$1.00.

Quaker Pie, per oz. 15c; lb. \$1.00.

RADISH

Radies (Gr.) **Ravanello (It.)**



Radish Small Top—New Deep Scarlet Turnip

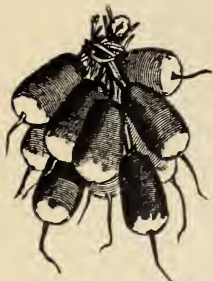
Being a root crop, good brittle radishes require light, well-worked soil, made very rich and mellow. They are easy to grow and frequent plantings will insure a constant supply for the table. Summer varieties can be sown all spring and well into summer. Winter varieties should be planted in August and September.

Radish—The Onondaga

The perfect radish—an early scarlet globe, forcing and outdoor variety. This very fine and improved type of bright scarlet Globe Radish will prove a splendid addition to our line of radishes. It is equal to the best of the Early Forcing Globe type, but a much better yielder, producing practically 100 per cent perfect radishes. This is the reason why it appeals to the market gardener. It is the best money maker of all the scarlet radishes listed in recent years. Our stock is limited and we hope our gardeners will take advantage of the stock while it lasts. Oz. 20c; lb. \$1.25.

Special Cash Discount to Market Gardeners

Vick's Scarlet Globe. This grand radish has established a reputation as a forcing sort. Its peculiarity is that it will bear the heat requisite for forcing without becoming pithy or suffering injury to its flavor. Its color is a rich scarlet. It has a small top and is a high bred radish. Oz. 15c; lb. \$1.25.



French Breakfast



Chinese Rose Winter

French Breakfast. Olive shaped. A popular variety for market for forcing. It is about two inches long and decidedly stump-rooted. Color, bright rose with bottom of root and the tail pure white. Oz. 15c; lb. \$1.25.

Brightest Long Scarlet. A very showy, long variety, is thick at the shoulder and tapering. Bright rose scarlet with distinct white top. Oz. 15c; lb. \$1.25.

White Vienna or Lady Finger Variety. A handsome white variety, about 5 inches long, with sloping top and pointed root. Quick growing, brittle, and mild snappy flavor. Oz. 15c; lb. \$1.25.

White Strasburg. A white radish, of large size, good quality, and ability to resist severe heat. I always recommend White Strasburg for summer planting. It will grow solid, with good flavor, when others fail. Popular with market gardeners. Oz. 15c; lb. \$1.25.

Winter Varieties

Giant Stuttgart. This mammoth white radish is the largest of the turnip shaped sorts. It has solid, crisp, pungent flesh, and is highly prized by people demanding a radish of high flavor. Both skin and flesh are pure white. It should be given plenty of space in the row. Oz. 15c; lb. \$1.00.

Chinese White Winter, or Celestial. (or Cal. Mammoth White Winter.) The well-known and popular winter variety. Clear white, about four inches long and half stump-rooted. Keeps firm and crisp until it runs to seed. Is a good cooking variety, and when cooked the flavor resembles turnip. Oz. 15c; lb. \$1.50.

Chinese Rose Winter. A bright scarlet winter variety. About four inches long and stump-rooted. Matures two or three weeks earlier than the Chinese White Winter and like it is firm and crisp and does not grow pithy until it runs to seed. Oz. 15c; lb. \$1.25.

Round Black Spanish. A winter variety, with black skin and white flesh. It is top-shaped or almost globular. Oz. 15c; lb. \$1.25.

Black Spanish, Half Long. A shorter, olive shaped variety with half stump-root and sloping top. Oz. 20c; lb. \$1.25.

RHUBARB

Rhabarber (Gr.) Rabarbara (It.)

Victoria. A good market sort, with beautiful red stalks. Pkt. 10c; oz. 15c; ¼ lb. 40c; lb. \$1.25.

Roots. Price on application.

SAGE

A hardy perennial shrub, with whitish-green, oval, and very much wrinkled leaves, which have a pleasant smell and which are used for seasoning. It is easily grown and the seed can be sown almost any time. Oz. 50c.

SALSIFY OR VEGETABLE OYSTER

Haferwurz (Gr.) Sassefrica (It.)

CULTURE—Sow early and deeper than parsnip, otherwise culture is the same. Roots, if desired, may be left in the ground through the winter, but dug early in the spring.

Mammoth Sandwich Island. Larger, of stronger growth, and less liable to grow prongy than the old Long White. Pkt. 10c; oz. 20c; ¼ lb. 65c; lb. \$2.25.

SPINACH

Spinat (Gr.) Spinace (It.)

King of Denmark. Also known as "Antvorskov."

This new variety is undoubtedly the most valuable introduction of spinach in recent years. Although the plants are ready for use almost as soon as the medium early sorts they remain in good condition from a week to two weeks after all other varieties have gone to seed. The plants are of rapid growth, resemble the Long Season in type but leaves are more crumpled or blistered and are of darker green color. The leaves are thick, stand well after cutting and are of good quality. We believe this variety will in a few years be one of the leading sorts as its distinctive qualities are sure to win favor for it from both the home and market gardener. Oz. 15c; lb. 60c.



LONG SEASON SPINACH.

Long Standing. A deep green variety with rather elongated smooth leaves. Seed, round. Stands a long time without running to seed. Oz. 10c; lb. 40c.

Victoria. A long-standing variety with round, slightly savoyed leaves. Deep green and hardy. Forms good, edible leaves early and continues to produce leaves for a long period. Oz. 10c; lb. 40c.

Bloomsdale Savoy. The variety most generally used in the East, and especially throughout the South for shipping. Leaves large, round and thick, very much savoyed and rich deep green. One of the earliest varieties. Seed round. Oz. 10c; lb. 40c; 10 lb. \$2.75.

New Zealand. A plant with thick, fleshy texture and soft crystalline leaves. Is not like the ordinary spinach in appearance, but it is used in the same way. Oz. 15c; lb. 85c.

SQUASH

Kuerbiss (Gr.) Zucca (It.)

The summer varieties come into use early in the summer, but being sensitive to frost the seed cannot be sown until late in April. The seed should be planted in hills four feet apart, using four ounces to 100 hills. The winter varieties are also unable to resist frost, and should be planted at the same time. The fruit does not mature until late in the fall, and, having a very firm, hard shell, keeps well, and with a little care squashes can be had all winter and until late in the spring. In gathering winter squashes, it is important to protect the stems, since if broken off the fruit will not keep so well. Plant in hills six to eight feet apart, using two or three seeds to the hill. Use eight ounces to 100 hills, or two pounds to an acre. Moderately rich soil will grow good squashes.

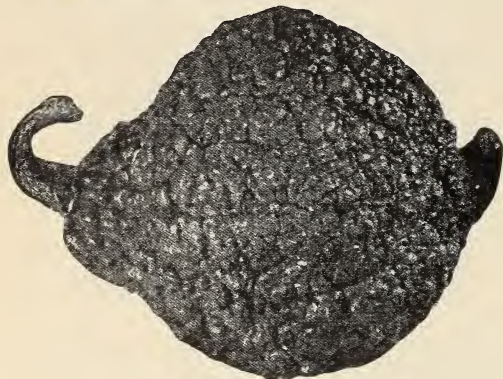
Prices Subject to Change Without Notice

Mammoth Summer Crookneck. A large golden-yellow variety, thickly warted; is eighteen inches long, brittle and tender. Plants are bushy and very prolific. This is an improved strain of the old variety and considerably larger. Oz. 15c; lb. \$1.50.

Burpee's Fordhook Squash. A most desirable running variety for both summer and winter use. The vines are of strong, vigorous growth and wonderfully productive. Fruit oblong in form, eight to ten inches in length, slightly ridged, smooth thin yellowish skin; flesh very thick and of a light straw yellow. If gathered young for cooking, no other squash approaches it in flavor, while if allowed to ripen on the vine they can be stored and will keep in excellent condition until late the following June. Either for baking like sweet potatoes or making pies during the winter the quality is unsurpassed. Oz. 15c; lb. \$1.50.

Mammoth White Bush Scallop. An improvement on the old variety, larger, pure white and superior in quality. Oz. 15c; lb. \$1.25.

Boston Marrow. This is a very productive fall and winter variety of medium to large size, oval shape, and thin skin. It is much used for canning and making pies. The fruits when ripe are bright orange with a shading of light cream color. The flesh is of rich salmon yellow color, fine grained and of excellent flavor, but not as dry as the Hubbard. Same as Golden Hubbard. Oz. 15c; lb. \$1.50.



Hubbard Squash

Blue Hubbard. This excellent squash of the Hubbard type is light blue in color, with hard shell and thick, fine grained flesh, which is very tender and by far the sweetest and best flavored of the winter squash. This variety is very popular in the East, and brings a higher price than any other. We have the true stock. Lb. \$1.75.

Golden Hubbard. A distinct sort, of the shape and general character of the Hubbard, but a little smaller, earlier to mature, and a rich orange-red instead of the dark olive green of the old Hubbard, while the flesh, which is thick, is a little deeper colored, of fully as good quality, fine-grained and dry. Oz. 15c; lb. \$1.50.

Hubbard. This is a distinct strain of the famous Hubbard and is an ideal winter squash for market-men. The shell is a dark green in color, the flesh dry and sweet in flavor. It grows to large size, is a fine keeper and shipper, its cooking qualities unsurpassed. Oz. 15c; lb. \$1.50.

SWISS CHARD

Giant Perpetual ("Cut-and-Come-Again") Spinach Swiss Chard. This, though a variety of Chard, is to all practical purposes a giant spinach, the huge curled leaves being tender and cooking readily, with a decided spinach flavor. Its great merit is that it will supply the greens from spring until late in the fall. The large midribs can be cooked and served like asparagus. If wanted for greens cut when 6 inches high just above ground and it will grow out again. Oz. 15c; lb. \$1.00.

Squash Bugs—Spray Pyrox with an under-leaf up-turned nozzle—sure death.

TOBACCO SEED

Havana Tobacco Seed, per oz. \$1.00; per pkt. 10c.

TOMATO

Liebesapfel (Gr.) Pomodori (It.)

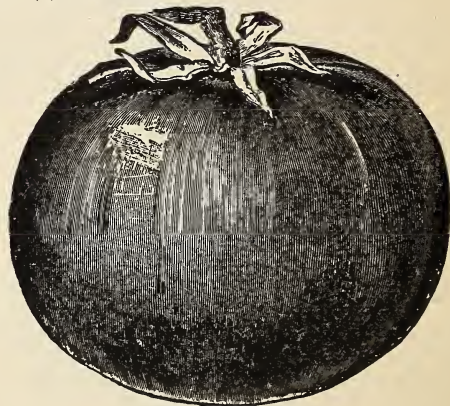
As tomatoes are very sensitive to frost, they cannot be set in the open field until about May 1st. The seed must be sown in well protected hotbeds, sowing same about March 1st. A hardy and stocky plant is had by transplanting the small plants in the bed a few weeks before transplanting to the field. Or when about four inches high, the top may be pinched off and the plant grows stockier.

Sow the seed broadcast, using one ounce to about three square feet of area, which will yield plants enough to set an acre. In the field set tall varieties six feet apart and dwarf varieties three feet apart. A slight trellis is advisable in the garden. A moderate amount of water should be applied at the roots at regular intervals.

Earliana (Sparks) The earliest tall variety, forming ripe fruit much earlier than any other variety. The fruit is large, smooth, of a bright scarlet color, and of fine quality. Very valuable for early market use. Oz. 35c; $\frac{1}{4}$ lb. \$1.00.

John Baer. A remarkable new variety of the extra early red or scarlet type. Not quite so early as Earliana, though there are only a few days difference, and John Baer yields a much heavier crop of larger, more uniform and more attractive fruits. Most profitable extra early sort. Pkt. 10c; $\frac{1}{2}$ oz. 20c; $\frac{1}{4}$ lb. \$1.00.

Bonney's Best Early. An extra early variety having great favor with the market gardeners. Vines vigorous and productive, fruit solid without hard core. Color bright scarlet. Fine, early, handsome, especially profitable for market gardeners' use. Oz. 35c; $\frac{1}{4}$ lb. \$1.00.



Chalk's Early Jewel

Chalk's Early Jewel. A wonderful new variety, in that it is early and bears continuously throughout the season. The fruit is large, smooth, uniform, and well ripened clear to the stem, and the flavor and quality are especially fine. Color Bright scarlet. Oz. 35c; $\frac{1}{4}$ lb. \$1.00.

Livingston's Dwarf Stone. Another splendid new variety from Livingston. This is what he says of it: "The same sort of tomato as Dwarf Champion, but the vine is of stronger growth, and the vine is potato leafed—heavy stem fruit—round red, of medium size. It is equally early, is equally prolific. It is very solid, ripens very evenly and is of excellent quality. Oz. 40c; $\frac{1}{4}$ lb. \$1.25.

Special Cash Discount to Market Gardeners

TOMATOES—Continued

Dwarf Champion. A dwarf variety, sometimes called the tree tomato on account of its upright growth and its ability to stand alone without trellising. Fruit medium-sized, smooth, uniform, and of a purplish carmine color. Oz. 40c; $\frac{1}{4}$ lb. \$1.25.

Matchless. A tall-growing, prolific variety with large fruit, which is rather flattened, smooth and uniform. Color, bright scarlet. For canning and general main crop market, there is no better tomato grown. Extra selected strain. Oz. 40c; $\frac{1}{4}$ lb. \$1.00.

Ponderosa. An extremely large, irregular-fruited variety. Vine tall, and fruit very solid and purplish-carmine in color. Rather coarse and of fair quality only. Oz. 60c; $\frac{1}{4}$ lb. \$1.75.

Golden Queen. (Bright Yellow). Best large yellow tomato. Much like Paragon, except in color. Always smooth and ripens early. Quality excellent in all respects, either for slicing or preserving. Queen of all the yellows. Oz. 35c; $\frac{1}{4}$ lb. \$1.00.

TURNIPS

Steckrube (Gr.) Pastinaca, (It.)

For fall and winter use sow the seed in August, in rows 10 to 18 inches apart, using one ounce to 250 feet of row, thinning the plants when very young to three or four inches apart. For spring use sow in January. For field culture sow in rows about two feet apart, using one to three pounds of seed per acre.

Early Snowball. A medium globe-shaped variety of pure white. Very solid and of the best quality. Oz. 15c; lb. \$1.00.

Early White Flat Dutch (Strap Leaf) A medium-sized, flat variety; clear white, early, and of fine flavor. A fine table variety. Oz. 15c; lb. \$1.00.

Early White Milan. Roots flat, smooth and symmetrical; pure white. Top very small, upright and compact, permitting close planting. The earliest and much the best of any extra-early white variety. Oz. 15c; lb. \$1.00.

Early Purple-Top Milan. Differs from the preceding in that the roots are not quite so thick and are purple on top. Oz. 15c; lb. \$1.00.

Early Purple-Top White Globe. One of the hand-somest varieties, the upper portion of the root being a purplish red, the lower pure white. A rapid grower, attaining a marketable size sooner than other large globular varieties. Of the best quality and an excellent keeper. Owing to its strong growth should be more severely thinned than other early varieties. We offer New England grown seed of a selected strain, which repeated trials have shown to be much superior to those generally offered. Oz. 15c; lb. \$75.

Cow Horn. A long white turnip. Grows to a large size, standing half out of the ground. It is fine flavored and desirable. Cow Horn turnip sown in connection with Rape is one of the newly recommended things for green manuring purposes. Oz. 15c; lb. 75c.

Rutabagas or Swedish Turnips

Winter Varieties



Rutabaga American Purple Top Turnip

Sweet German, or Russian. White, sweet, excellent; a first-rate keeper. Oz. 15c; lb. 90c.

American Purple-Top or Long Island Improved.

Bred from the "American Purple Top," over which it is a great improvement, being nearly double the size; an immense yielder and good keeper; flesh rich yellow, of fine quality. Oz. 15c; lb. 75c.

SWEET HERBS

CULTURE—Sow in early spring, at the time when the trees begin to leaf, in ordinarily good and well drained garden soil, in rows 12 to 24 inches apart. Cover seed lightly. Thin or transplant to stand 6 to 12 inches apart in the rows. Cultivate frequently and keep free from weeds.

Packet

Anise, seeds aromatic	10c
Balm, has medicinal qualities	10c
Basil, sweet	10c
Borage, leaves used for salad	10c
Caraway, seeds aromatic	10c
Coriander, seeds aromatic	10c
Dandelion	10c
Dill, seeds aromatic and medicinal	10c
Fennel Sweet, seeds aromatic	10c
Horehound	10c
Lavender, leaves aromatic	10c
Marjoram, leaves used in seasoning	10c
Mint, leaves aromatic	10c
Rosemary, aromatic	10c
Rue, medicinal qualities	10c
Sage, culinary herb	10c
Savory, Summer, culinary herb	10c
Sweet Marjoram for seasoning	10c
Thyme, culinary herb	10c
Wormwood, medicinal qualities	10c

**"HOTCAPS"****New Method of Plant Protection**

Matures crops earlier; shields plants from wind and rain; protects them from frost and insects; keeps dirt soft—miniature "hot-houses"! A revolutionary device that saves farmers much in time, labor and money. Write us for details and prices.

Catalogue Prices

1 roll	\$10.00
5 rolls	per roll 9.75
10 rolls	" " 9.50
25 rolls	" " 9.25
"HotKap" Setter	2.50
"Hotkap" Carrier	2.75

Spring Bulbs

GLADIOLI, TUBE ROSES, CALADIUM MADIERA VINES

Alice Tip Lady

Bright saffron-orange. 8c each; 85c dozen.

America

Soft flesh pink. 5c each; \$1.00 dozen

Baron Hulot

Rich violet blue. 10c each; \$1.00 dozen.

Crimson Glow

Brilliant crimson. 12c each; \$1.25 dozen.

Anna Eberius

Dark purple. 7c each; 75c dozen.

Flora

Large pure golden yellow. 10c each; \$1.00 dozen

Gretchen Zang

Rose pink, with darker tone on the edges. 7c each; 75c dozen.

Goliath

Purplish maroon. 10c each; \$1.25 dozen.

Halley

Delicate salmon pink, early. 7c each; 75c dozen.

Herada

Pure mauve with deeper markings in the throat. 10c each; \$1.00 dozen.

Le Marechal Foch

Early light salmon pink, very large. 7c each; 75c dozen.

Louise

Orchid Lavender with deep blotch in throat. 12c each; \$1.25 dozen.

Mary Pickford.

Delicate creamy white with yellow blotch. 10c each; \$1.00 dozen.

Kunderdi Glory

Creamy apricot, red markings. 10c each; \$1.00 dozen.

Loveliness

Creamy white. 12c each; \$1.25 dozen.

Mrs. Dr. Norton

White, edged in soft pink. 10c each; \$1.00 dozen.

Mrs. H. E. Bothia

Salmon pink, scarlet center, ruffled. 12c each; \$1.25 dozen.

Myra

Deep salmon on yellow ground, faint pink lines in throat. 7c each; 75c dozen.

Salmon Beauty

Deep salmon with yellow throat. 8c each; 85c dozen.

Schwaben

Pure yellow, red stripes on the lower petals. 7c each; 75c dozen.

War

Large, deep blood red. 12c each; \$1.25 dozen.

White Glory

Pure white with Iris blue throat, ruffled. 12c each; \$1.25 dozen.

Fine Mixture

50c dozen; 50 bulbs \$1.75; 100 bulbs \$3.00.

E. J. Shaylor

Deep rose pink, ruffled. 7c each; 75c dozen.

Dahlias

In wide range of colors and types from 10c to 25c each.

Cannas

Large bronze leaf. 10c each; \$1.00 dozen.

King Humbert

Bronze foliage, red blossom. 12c each; \$1.25 dozen.

Florence Vaughan

Green foliage, with yellow blossoms. 10c each; \$1.00 dozen.

Mrs. Alfred Conard

Green foliage, salmon pink flower. 12c each; \$1.25 dozen.

President

Green foliage, scarlet flower. 12c each; \$1.25 dozen.

Tuberose

Dwarf Pearl Excelsior. 8c each; 85c dozen.

Caladium or Elephant's Ear

25c to 35c each.

Maderia Vines—Cinnamon Vines

About September first next we will issue our Annual Catalogue of **Choice Dutch Bulbs and Seeds for Fall Planting**. It will be sent free to all customers without ordering it, and to others who apply for it.



NEW! THE TOPEPO

The Pepper and Tomato Combined

A new creation among vegetables—the Topepo—sweet Bull Nose Pepper and luscious Stone Tomato combined. Has the delicious flavors and qualities of both. A beautiful yellow blushed with red. Wonderful for stuffing and baking, for salads, soups, dressings, etc. Be the first to raise the Topepo.

A wonderful addition to the vegetable kingdom. 'Twas a happy thought and will give great pleasure to millions of vegetable lovers now and the future. Pkt. 25c.

Plants for Spring Planting

Cauliflower
Cabbage
Celery
Tomato
Egg Plant
Pepper

English Daisy
Salvia
Aster
Verbenas
Snap Dragon
Pansy

Bulbs for Spring Planting

Cannas
Gladioli
Caladium
Tuberous Begonia

Dahlia
Tube-roses
Madeira Vines
Cinnamon Vine



SELECT FLOWER SEEDS



Antirrhinum or Snap Dragon

ABUTILON (CHINESE BELL FLOWER OR FLOWERING MAPLE) Free flowering, perennial shrub; fine for indoors. For outdoor sow before April. Will bloom first season. **10c pkt.**

ACONITUM (MONK'S HOOD OR WOLF'S BANE) Hardy, perennial, long spikes of odd shape blue and white flowers, adapted to shady corners or among shrubbery; 3 to 5 ft. **10c pkt.**

ACROCLINIUM. Pretty, annual everlasting, 15 inches high, lovely white or rosy pink flowers, fine for border. Sgl. or dbl. **10c pkt.**

ADLUMIA (MOUNTAIN FRINGE OR ALLEGHENY VINE) A hardy, biennial climber, will resow itself year after year, feathery foliage resembling Maiden-hair Fern, flowers tube-shaped, flesh colored completely covering the plant, fine for trellises, stumps, etc. **10c pkt.**

ADONIS (PHEASANT'S EYE) Flos Adonis, Showy, hardy, annual, of easy culture, fine cut foliage, blooms a long time; dark crimson flower with light center. Height 1 ft. **10c pkt.**

AGERATUM (FLOSS FLOWER) Fine bedding sort, literally a sheet of bloom from early summer until frost; not liable to be spoiled by rain, flowers not liable to fade; easily raised from seed. Sow in March or in hot-bed and transfer into open ground in June when weather is suitable, valuable for winter flowering for conservatory. **10c pkt.**

Blue Perfection. Dark blue, largest flowering, fine bedder. **10c pkt.**

Little Dorrit. Beautiful, compact, sky blue, white center, very exquisite. **10c pkt.**

Mexicanum. Lavender blue, 1½ ft. **10c pkt.**

Imperial Dwarf White. Height 8 inches. **10c pkt.**

AGROSTEMMA (ROSE OF HEAVEN) Free blooming, hardy perennial, blooming first season, height 1 to 2 ft. Mixed **10c pkt.**

ALYSSUM (MAD-WORT) Pretty little plants for beds, vases, baskets, edging, etc. Bloom profusely all summer, also useful for winter. Very sweet-scented. **Little Gem** (OR CARPET OF SNOW) 4 to 6 inches in height, each plant covering a circle of 15 to 30 inches. **10c pkt.**

Sweet Alyssum. Trailing flowers, white, **10c pkt.**
Saxatile Compactum (BASKET OF GOLD), handsome yellow flowers, hardy perennial, blooming first season, fine for rock work, 1 ft. **10c pkt.**

**Sweet
Alyssum**



AMARANTHUS. Brilliant foliated annuals, 3 to 5 ft. Useful in borders or centers of large beds. Do not plant too closely.

Brilliant. Foliage bright red, ends of branches carmine-rose, red and yellow. **10c pkt.**

Caudatus (LOVE LIES BLEEDING) Blood red, drooping foliage, 3 ft. **10c pkt.**

Sunrise. Bronzy Crimson to brilliant scarlet. Fine for parks and large beds, 3 ft. **10c pkt.**

Tricolor (JOSEPH'S COAT) Leaves red, yellow and green, 3 ft. **10c pkt.**



Aster Chrysanthemum

AMMOBIUM (WINGED EVERLASTING) Grandiflorum, Pretty Border, annual everlasting, snow white with yellow disc. **10c pkt.**

AMPELOPSIS (BOSTON OR JAPANESE IVY) Hardy, perennial climber, olive green leaves turning to scarlet in fall. Popular climber, fine for brick or stone walls. **10c pkt.**

ANCHUSA (ALKANET) Italica Dropmore Variety. One of the best hardy perennials, and becoming more popular each season, grows 3 to 5 feet high and bears in abundance flowers of the richest gentian-blue during May and June. **15c pkt.**

ANEMONE (WINDFLOWER) Hardy, perennial, large flowers, fine for bouquets.

Coronaria. Mixed Colors (POPPY ANEMONE). **10c pkt.**

St. Brigid. A beautiful selection of the above, our seed comes from a famous Irish grower and comprises semi-double and double flowers in a wonderful array of colors. **15c pkt.**

ANTHEMIS (HARDY MARGUERITE) Kelwayi. A most satisfactory hardy perennial, bearing all summer daisy-like golden-yellow blossoms; excellent for cutting; 2 ft. **15c pkt.**

ANTIRRHINUM (SNAP DRAGON)

Giant Varieties. Of tall growth, very large individual flowers: Scarlet, White, Yellow, Garnet, Pink (Silver pink), Rose (Rich rose). **10c pkt.**

Semi-Dwarf. A splendid mixture, containing all the colors. **10c pkt.**

AQUILEGIA (COLUMPINE) Charming, hardy, perennial, 1 to 3 ft., profuse bloomer, blue, white, rose, yellow, purple, striped, etc. Fine for borders. Sgl. mixed **10c pkt.** Dbl. mixed **10c pkt.**

Long-Spurred Hybrids. A beautiful strain comprising shades and combinations of blue white, yellow, orange, scarlet and bright rose-pink, in large flowers with long spurs. **15c pkt.**

ARABIS (ROCK CRESS) Alpina, very early, pure white, spring flower, appear as soon as snow disappears. Fine for rockeries or edging. 6 inches high. **10c pkt.**

ARCTOTIS (AFRICAN DAISY) Grandis. A remarkably handsome annual from South-west Africa. It forms much-branched bushes 2 to 3 feet high; its flowers are large and showy, being pure white on the upper surface, the reverse of petals pale lilac-blue. **10c pkt.**

ARMERIA (SEA PINK OR CUSHION PINK) Very pretty edging plant, bearing large tufts with rosy pink flowers, hardy perennial. **10c pkt.**

ASPARAGUS (PLUMOSUS NANUS) Graceful climber, finer than most delicate ferns. Will last for weeks after being cut, easily cultivated. **25c pkt.**

Sprengeri. One of the best for hanging baskets or general purposes, fronds 4 ft. long. **10c pkt.**

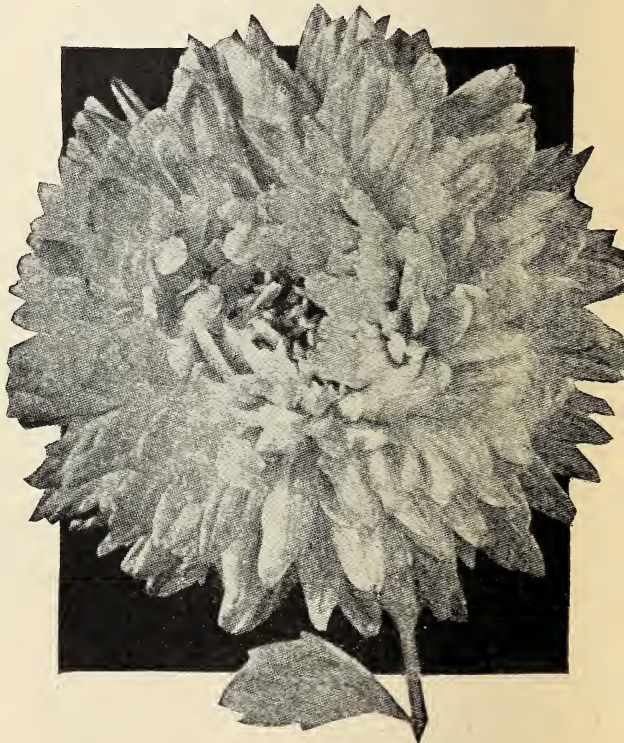
ASPERULA ODORATA (SWEET WOODRUFF) Fragrant leaves and stems, grown in shaded places, white flowers. **10c pkt.**

ASTERS are now one of the most important summer and autumn flowers. Their immense popularity and world-wide demand shows their adaptability to any soil or climate, there being early medium and late flowering sort which extends the blooming period from early July until frost. For the best results the ground should be very rich. Good results can be obtained from ordinary garden soil.

BRANCHING VARIETIES:

ROYAL ASTERS (OR EARLY BRANCHING) these are dwarf branching about 2 ft. high, flowers of the branching type; coming into bloom in July or early August; colors, lavender purple, rose pink, deep rose, shell pink, white; collection 50 cents. Packet **10c** each. Mixed colors **10c pkt.**

	Per ¼ oz.	Per pkt.
Azure Blue. A deep rich lavender	\$.35	\$.10
Deep Crimson. Rich and glowing	.35	.10
Deep Rose. Distinct and fine	.35	.10
Pale Lavender. Exquisite greyish-blue	.35	.10
Deep Purple. A rich royal shade	.35	.10
Rose-pink. A lovely shade; very popular	.35	.10
Shell-pink. Soft and dainty	.35	.10
Pure White. Perfect in its purity	.35	.10
Collection. A packet each of the 8 colors	60c.	
Finest Mixed. All colors mixed. ¼ oz., 35c	10c	pkt.
Sensation (OXBLOOD). 10c pkt.		



Branching Asters

CREGO'S GIANT COMET ASTERS. We consider this the finest and largest of all Comet Asters, bearing immense fluffy flowers five inches and over in diameter, as fine as any Chrysanthemum, and when cut keep in good condition longer than any other of this type.

We offer five colors, viz.: White (Pure white), Pink (Delicate shell-pink), Purple (Bright purple), Rose (Rich deep rose), Lavender (Deep lavender). **10c pkt.** Collection of a packet each of the 5 colors, **45c.** Crego's Mixed. All colors. **10c per pkt.; 25c. per ¼ oz.**

QUEEN OF THE MARKET ASTERS. A first-class early-flowering Aster, coming into flower in July, of branching habit; flowers of good size and borne on long stems, making them exceedingly valuable for cutting; 1 foot. Bright Rose, Crimson, Lavender, Pink, Purple, White. **10c pkt.** Collection. One packet each of the 6 colors. **50c.** Mixed colors, **¼ oz. 25c; pkt. 10c.**

VICTORIA. Magnificent bedding or cutting variety, flowers large beautifully imbricated, $1\frac{1}{2}$ ft. high. Mixed colors. **10c pkt.**

OSTRICH FEATHER. Magnificent, resembling the Comet, flowers of immense size of loosely formed petals, equaling the best Japanese Chrysanthemums. White or pink. **Mixed 10c pkt.**

HEART OF FRANCE ASTER. This recent introduction is the largest flowering of the very dark red sorts; plants grow about 24 inches high, nicely branched, bearing in September their large, rich, deep ruby-red flowers on long, strong stems; a fine, dark variety. **15c pkt.**

PERENNIAL. Single, hardy. Does well in any garden soil. If sown early will flower in early season. **10c.**

BABY'S BREATH. (SEE GYPSOPHILA).

BACHELOR'S BUTTON (SEE CENTAUREA CYANUS). Mixed colors, **10c; double blue, 10c pkt.**

BALLOON VINE (LOVE-IN-A-PUFF) Rapid growing annual climber, white flowers, seed vessels look like miniature balloons. **10c pkt.**

BALSAMS (LADY SLIPPER) Double, camellia flowered type, an old favorite, gorgeous brilliant colored, double flowers in great profusion, easily cultivated, 2 ft. high. Double, mixed each **10c., white 10c; pink 10c pkt.**



Balsams

BAPTISIA (FALSE INDIGO) Beautiful, hardy, perennial, pea-shaped flowers on spikes 6 inches long, bright blue, $2\frac{1}{2}$ ft. **10c. pkt.**

ORNAMENTAL LEAVED BEGONIAS. Beautiful, variegated foliage. **Mixed 25c.**

BELLIS (OR ENGLISH DAISY). Perennial, Double Daisy, very handsome spring flowering plant. **10c.**

BRACHYCOME (OR SWAN RIVER DAISY) Dwarf, annual, profuse bloomer, pretty blue or white flowers. **10c pkt.**

CALCEOLARIA (LADY'S SLIPPER) Ornamental plant with mass of beautiful pocket-like flowers, blooms

early and very fine for decorating green-house or conservatory. **25c pkt.**

CALENDULA (POT MARIGOLD) Very showy, free-flowering until frost, hardy annual, grows in any good soil, fine for beds or mixed borders, fine for pot culture, height 1 ft.

Meteor. Large double yellow, striped with orange. **10c**

Orange King. Large double orange red flowers. **10c**

Lemon Queen. Light yellow. **10c,**

Mixed, per **pkt. 10c**



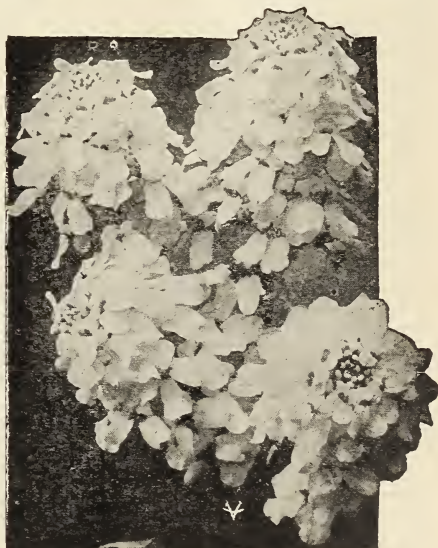
Calendula

CALLIOPSIS (SEE COREOPSIS) Showy, free-flowering annual, blooms all summer, fine for cutting and massing. Mixed colors, **10c pkt.**

Golden Wave (DRUMMONDII) Large golden yellow with brown center, fine for borders. **10c.**

COREOPSIS

Single Annuals. All single sorts have large flowers 2 to 4 inches in diameter, fine for beds or borders; 1 ft. high.



Candytuft



Bachelor's Button

CAMPANULA (BELLFLOWER) Favorite, hardy herbaceous with great profusion of bell flowers, thrives in light rich soil.

Carpatica. Blue and white, bloom the whole season, 6 inches. 10c.

Persicifolia Grandiflora. Fine hardy bell flowers 2 to 3 ft. blue or white. Mixed. 10c.

CANARY-BIRD VINE (TROPAEOLUM CANARIENSE) Handsome annual, rapid climber, charming little canary-colored blossoms bearing a fancied resemblance to a bird with wings half expanded. 10c.

CANDYTUFT (IBERIS) A great favorite, fine for cutting, looks best in beds or masses. Sow in spring will bloom until frost, very hardy, easily cultivated. Single plants look well and bloom profusely, 1 ft. Carmine. 10c.

White. 10c.

Crimson. 10c.

Empress. A complete mass of pure white flowers. 10c.

White Rocket. 10c.

White Hyacinth. Flowered. 10c.

Mixed Colors. 10c.

Perennial Mixed. 10c.

CANNA (INDIAN SHOT) Without exception one of the handsomest bedding plants. Soak the seeds in warm water until they show evidence of swelling. When the second leaf is out pot singly and keep under glass until proper season for planting out. Plants only.

CANTERBURY BELL (CAMPANULA MEDIA) Medium (SINGLE CANTERBURY BELLS). The old-fashioned sort with beautiful, large bell-shaped blossoms; we offer three distinct colors and mixed, as follows: Blue, Rose, White. 10c pkt. Single. Mixed. 10c pkt. All the double-flowering medium varieties, ¼ oz. 50c; pkt. 10c.

Cup and Saucer (CALYCANTHEMA) Rose Pink (Delicate rosy-pink), Blue (A fine clear shade), White (Pure white), Finest mixed (All colors of the Cup and Saucer type. ¼ oz. 60c; pkt. 10c.

CARNATION (SEE DIANTHUS) Great favorite for their delicious fragrance and richness of color, indispensable for winter or summer culture.

Marguerite Carnations. Very popular, as they begin flowering a few weeks from time of sowing, half dwarf, strong, requiring no support, produce long, strong stems, abundant, large double beautifully fringed, highly-scented flowers. Pink, White, Red, Yellow. 10c pkt.

Mixed Colors. 10c.

CASTOR OIL BEAN (SEE RICINUS).

CELOSIA CRISTATA or Cockscomb varieties. Free-blooming annuals, plant in light soil not too rich, grand for border and fine for pots. (2½ to 3 feet.) These stately plants are considered among the most ornamental and should not be omitted in any garden. Form pyramidal bushes branching out in candelabra shape, the numerous massive plumes resemble ostrich feathers, wave gracefully above the foliage.

Empress Combs of colossal size known to measure 45 inches from tip to tip; rich crimson. 10c.

Glasgow Prize. Dark Crimson. 10c.

Dwarf. 8 inches high, sometimes measuring 2 ft. across. 10c. Mixed 10c.

CELOSIA PLUMOSA (FEATHERED COCKSCOMB) Crimson, white, yellow, mixed 10c, pkt.

CELOSIA CHILDSI (THE CHINESE WOOLFLOWER) Plants grow two to three feet high, the bloom starting early with a central head, round and globular, which often reaches the immense size of two feet in circumference. Scores of branches are thrown out, each bearing a ball of scarlet wool. All these branches support numerous laterals with small heads of bloom mixed with fresh green foliage, so that a plant looks like an immense bouquet splendidly arranged and set in the ground. Blooms until hit by frost. A deep, rich, dark crimson-scarlet. 10c pkt.

Mixed. 10c.

CENTAUREA (OR BACHELOR BUTTON). Under this name is included the popular annuals like Corn Flower, Blue Bottle, Ragged Sailor, Sweet Sultans, etc. Great favorites, fine for cut flowers; white-leaved sorts, or Dusty Millers are largely used for bedding, vases, etc.

Sweet Sultans (CENTAUREA IMPERIALIS) Beautiful, sweet-scented, strong stems, when cut will stand for several days in good condition, of easy culture. Mixed colors, 10c. Named colors, 10c.

Giant Sweet Sultans (CENTAUREA ODERATA) or Giant Cornflowers, easy to cultivate, flowers 2 to 4 inches in diameter, very graceful, sweet-scented.

Corn Flower (CENTAUREA CYRANUS) Double blue, pink, white, mixed. 10c.

Gymnocarpa. Fine cut silvery foliage. 10c. pkt.

Candidissima. Broad cut silvery foliage. 10c. pkt.



Carnation

CHRYSANTHEMUMS. Annual sorts, showy, effective garden favorites. Dbl. mixed, **10c pkt.** Sgl. mixed. **10c pkt.**

CINERARIA. Seed may be sown from May to September in succession. Where only one sowing is made July should be preferred. Cinerarias grow so freely that the seedling may go straight from seed pans to thumb-pots. For transplanting plant in cold frame facing north, if possible. When pots become full of roots shift into larger ones until the flowering size is reached.

Dwarf Mixed. **35c per pkt.**

Tall Mixed. **35c per pkt.**

Stellata. (STAR CINERARIA) A charming variety with large spreading panicles of starry flowers. Same colors as the common Cineraria. The grace and elegance of the plant and flowers make them very effective for house or conservatory decoration; especially fine for church decoration and useful for cutting. **35c.**

CLARKIA. This pretty and easily grown annual has been much improved in recent years, and the varieties offered below are now seen as cut flowers in most of the large cities of Europe; they do well either in sun or shade, growing 2 to 2½ feet high, with leafy racemes of double flowers, which all open in water when cut. **Elegans Double Mixed.** A fine mixture containing all the colors. **10c. pkt.**

CLEMATIS. Rapid-growing climber, fine for arbors and verandas. Seeds are slow to germinate, and should be soaked in warm water 24 hours; hardy perennial, mixed colors. **10c pkt.**

CLIANTHUS (AUSTRALIAN GLORY PEA) Beautiful, tender, perennial shrub with clusters of brilliant pea-shaped flowers, 3 inches in length, with large black blotch for center. **10c pkt.**

COBAEA (CUPS AND SAUCERS VINE) A rapid climber, fine for trellises, arbors, etc., clings to any rough surface. Place seeds in the ground edgewise and cover with light soil.

Purple, 10c pkt. Pure white, 10c pkt.

COLEUS (FLAME NETTLE) An attractive foliage plant for house or garden, very interesting to grow from seed, easily raised; sow in March or April. **15c pkt.**

CONVOLVULUS (MORNING GLORY) Climbing varieties, very popular and one of the most free-flowering, rapid growing plants in cultivation; doing well in almost any situation, with beautiful brilliant flowers; annuals, 15 ft. Mixed colors **15c oz., 10c pkt.**



Coreopsis

COREOPSIS (PERENNIAL) (SEE CALLIOPSIS) A very fine hardy plant with large, showy, bright, yellow flowers, produced in great abundance from June until frost, especially fine for cut flowers having long stems and lasting in good condition a week or more. These grow from seed, flowering the first year if sown early. **10c pkt.**



Cosmos

COSMOS. Beautiful autumn-blooming plant, producing thousands of beautiful flowers in pure white, pink and crimson shades; fine for autumn decoration when other flowers are scarce. Sow in spring in open ground when danger of frost is over, or may be started under cover and transplanted. Set about 18 inches apart in rows or in masses in beds. When about a foot high pinch the tops out to induce a bushy growth, 2½ to 4 ft. in height.

Early Crimson. Rich and deep. **10c.**

Early Light Pink. A popular color. **10c.**

Early Pure White. **10c.**

Extra Early Mammoth Flowering. Mixed colors. **10c. pkt.**

Giant Pink, Lady Lenox. This is the latest development in this popular autumn flower, bears gigantic flowers, with wide, overlapping petals of splendid substance, making a perfectly circular flower, which is borne on very long stems; in color a beautiful deep rose pink. **10c pkt.**

Giant White, Lady Lenox. Late. The white-flowered form of the above. **10c pkt.**

Mixed Mammoth Perfection. Late. **10c pkt.**

CUCURBITA (SEE GOURD).

CYCLAMEN. Charming plant with richly colored foliage, fragrant flowers. Great favorites in winter or spring. Sow in spring or autumn.

Persicum. Choicest mixed. **35c pkt.**

CYPRESS VINE (IPOMAEA QUAMOCLIT) A favorite summer climbing annual, with feathery foliage and star-shaped flowers borne in clusters.

White. **10c. pkt.**

Scarlet. **10c pkt.** (See cut next page).

Mixed Colors. **10c pkt.**

DAHLIA. One of the best late summer and autumn flowering sorts, very popular. The double sorts will bloom first season if sown early. Single will bloom first season if sown in the open ground. Many prefer the single sorts to Cosmos, having the larger variety of colors and longer season of bloom.

Double, finest mixed. **10c.**

Single, finest mixed. **10c.**



Cypress Vine

DATURA (TRUMPET FLOWER) Ornamental annuals, large showy flowers; 2 to 3 ft. Dbl. and sngl. 10c

DELPHINIUM (PERENNIAL LARKSPUR) One of the most handsome hardy perennials, splendid flowers and curiously cut leaves; for permanent beds and borders they are indispensable. Mixed, 10c pkt.

Zalil (HARDY YELLOW LARKSPUR) Produces very long spikes of 40 to 50 sulphur yellow blossoms, each 1 inch in diameter; flowers from June to August, plant thrifty and bushy; 3 to 4 ft. 10c pkt.

Formosum. Popular for groups, tall spikes of dark blue flowers with white eyes; 2 to 3 ft. 10c pkt.

Nudicaule. Large scarlet flower; 1½ ft. 10c pkt.

Belladonna. Clear Turquoise Blue. 10c. Choicest hybrids mixed. 10c.

DIANTHUS or PINKS. A magnificent sort embracing some of the most popular flowers in cultivation, of great variety and brilliancy with profusion of bloom. The sorts classed as annuals may be sown out-of-doors when danger of frost is past. In a few weeks' time they are a mass of bloom continuing until frost; 1 ft.

Double Annuals.

Laciniatus Fl. Pl. Large double showy flower with fringed edges. Great variety of colors. 10c pkt.

Chinensis Fl. Pl. (CHINA OR INDIAN PINK). Mixed colors. 10c.

Heddewigi Fl. Pl. (JAPAN PINK) Double mixed. 10c.

Imperial Fl. Pl. (DOUBLE IMPERIAL PINK) mixed 10c.

Heddewigi (JAPAN PINK). 10c.

Hardy Garden Pinks. The varieties are well adapted for beds and borders; delightful, refreshing, spicy odor, should be in every garden where cut flowers are wanted.

Semperflorens (Ever-blooming hardy garden Pinks) Very beautiful, sweet-scented, double, semi-double and single in great diversity of colors, mixed colors. 10c. (See Carnation) Carnations are general favorites for their delicious fragrance and richness of colors. They are indispensable for the green-house in winter and the garden in summer. The Marguerite is one of the best for summer flowering.

DIDISCUS. Very pretty annual, blooms profusely from July to November, pale lavender blossoms, excellent for cutting. 15c pkt.

DIGITALIS (FOXGLOVE) Handsome, ornamental, hardy perennial plant, easily grown, fine for shrubberies; 3 ft. Mixed colors. 10c pkt.

DIMORPHOTHECA (AFRICAN GOLDEN DAISY). *Aurantiaca Hybrida.* Beautiful new hybrids of the African Golden Daisy, and similar in habit to the parent; flowers equally as large, but varying in color from the purest white through the various shades of yellow and orange to rich salmon shades, many being zoned with several of these colors around the black disc. ¼ oz., 50 cts., 10c pkt.

DOLICHOS (HYACINTH BEAN) Rapid annual climber with large clusters of handsome flowers producing later in place of flowers, pods of a deep purple, very ornamental. Purple 10c. Mixed colors 10c pkt.

DRACAENA (DRAGON PLANT) Fine ornamental leaved plant. Mixed colors. 10c pkt.

ECHINOCYSTIS (WILD CUCUMBER VINE) Quickest growing vine known, fine for covering trellises, fences, etc. 10c pkt.

ENGLISH DAISY (*BELLIS PERENNIS*) A favorite almost hardy perennial; blooms from early spring until late in summer, easily raised from seed, 4 inches high. Dbl. mixed, finest quality 10c. White or pink 10c.

ERYNGIUM (SEA HOLLY) Handsome, ornamental hardy plant 2 to 3 ft. high. Fine for drying for winter bouquets. 15c pkt.

ESCHSCHOLTZIA (CALIFORNIA POPPY) Fine annual for beds; border or masses, bloom until frost, 1 ft. Sgl. mixed 10c pkt. dbl. mixed 10c pkt.

Golden West. Bright buttery yellow with orange centre. 10c pkt.

Mandarin. Inner side of the petals rich orange, outside brilliant scarlet. 10c pkt.

EUPHORBIA (SNOW ON THE MOUNTAIN) Strong, tall-growing annual, attractive foliage. 10c pkt.

FORGET-ME-NOT (SEE MYOSOTIS). 10c.

FOUR O'CLOCK

Marvel of Peru (*MIRABILIS JALAPA*). A well-known, handsome free-flowering garden favorite; does well everywhere; give each plant 12 to 18 inches of room. Fine mixed colors; 2 ft. 10c pkt.

FOX GLOVE (SEE DIGITALIS)

GAILLARDIA (BLANKET FLOWER) Annual Varieties. Splendid showy annuals, remarkable for the profusion, size and brilliancy of their flowers, continuing in bloom from early summer until November, excellent for beds, borders, or for cutting; should be sown where they are to bloom; 1½ ft.

Picta Mixed. Single sorts; fine colors. 10c pkt.

Double Flowering Mixed. A charming, profuse, double-flowering strain; beautiful mixed colors. 10c.

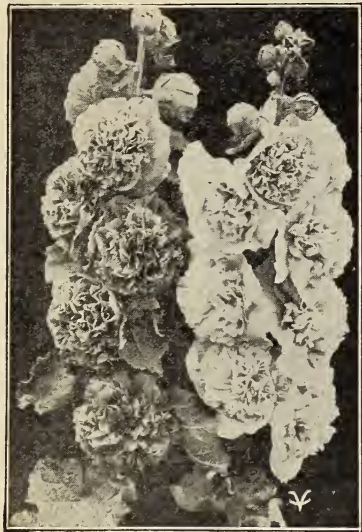
Hardy Perennial Varieties. 10c.



Dianthus (Sweet William)

GERANIUM (Pelargonium) Double mixed fine color. 15c pkt.

GLOBE AMARANTH (GOMPHRENA) Known as Bachelor's Buttons, fine bedding plant, flowers can be dried and be used in winter bouquets; 2 ft., mixed colors. 10c pkt.



Hollyhock

GLOXINIA. A superb greenhouse sort with magnificent rich colored flowers; do best in equal mixture of peat, loam and sand, mixed colors. 25c pkt.

GODETIA. An attractive, hardy annual, profuse, showy flowers of varied colors; 1½ ft. Mixed colors. 10c pkt.

GOURDS ORNAMENTAL (CUCURBITA) Rapid-growing, annual climbers, ornamental foliage; 15 to 20 ft. Mixed colors. 10c pkt.

GRASSES, ORNAMENTAL. These serve the double purpose of rendering mixed flower-beds on borders, attractive in summer and for use in a dried state in winter bouquets, for large beds or groups on lawns, nothing gives a finer effect; largely used in public parks.

Briza Maxima. Fine for grass bouquets. 10c.

Coix Lachrymae (JOB'S TEARS) Broad, cornlike leaves, annual. 10c.

Erianthus Ravennae (HARDY PAMPAS) Beautiful perennial. 10c.

Gynerium Argenteum (PAMPAS GRASS) Perennial, blooms the second season. 10c.

Stipa Pennata (FEATHER GRASS) Perennial, beautiful white, delicate, begins to bloom the second season; 2 ft. 10c.

GYPSOPHILA (BABY'S BREATH) Pretty free-flowering elegant plants, succeeding in any garden soil. Their misty white panicles of bloom are largely used for mixing with other cut flowers.

Elegans Alba Grandiflora. 10c.

Paniculata. White flower, fine for bouquets; one of the favorite hardy perennials; blooms first year if sown early; 2 feet. 10c pkt.

HELIANTHUS (See Sunflower) Single and Double mixed. 10c pkt.

HELICHRYSUM (STRAW FLOWER)

Monstrosum Fl. Pl. The great demand for this popular Everlasting has induced us to show them in colors this season. Crimson (very rich), Fireball (bright red), Goldenball (Golden yellow), Rose Carmine (Rich and glossy), Silver Ball (Glistening white), Violet (very rich color), Mixed (all colors). 10c pkt.

HELIOTROPE (CHERRY PIE) Half-hardy perennial, flowering the whole season, very fragrant. Can also be trained as a greenhouse climber. Mixed colors. 10c

HIBISCUS (MARSHMALLOW) Showy, perennial plant with large beautiful colored flowers; 1½ ft. Mixed colors. 10c.

HOLLYHOCK. One of the most majestic of hardy plants, and a clump or line in any garden gives an effect not attainable with any other plant. For planting among shrubbery or forming a background for other flowers, it is without equal. Seed sown any time before midsummer will produce fine plants for flowering next year.

Double Varieties. The seed offered under this head has been saved from the finest double flowers only and is sure to produce satisfactory results. Maroon Rose, Red, Salmon-Rose, White, Yellow. 10c pkt. Extra Choice Double Mixed 40c per ¼ oz.

HOLLYHOCK. Extra choice double mixed. 25c per ¼ oz., 10c pkt.

Single Varieties. Mixed 10c pkt.

HONESTY (MOONWORT SATIN FLOWER) Hardy biennial, with silvery seed pouches, very attractive; 2 ft. 10c.

HUMULUS (JAPANESE HOP) Ornamental, fast-growing climber resembling the common hop. 10c

HUNNEMANNIA (GIANT YELLOW TULIP POPPY, OR BUSH ESCHSCHOLTZIA) Fumariae-folia. This is by far the best of the poppy family for cutting, remaining in good condition for several days. Seed sown early in May will, by the middle of July, produce plants covered with their large buttercup-yellow poppy-like blossoms, and never out of flower until hard frost. The plants grow about 2 feet high, are quite bushy, with beautiful feathery glaucous foliage. 10c.

IMPOEA. Climbers of very rapid growth, beautiful, varied flowers; for covering walls, arbors, stumps, etc.

Quamoclit Hybrida (CARDINAL CLIMBERS). 10c.

Bona Nox (EVENING GLORY) Violet, large fragrant flowers, expanding in the evening. 10c.

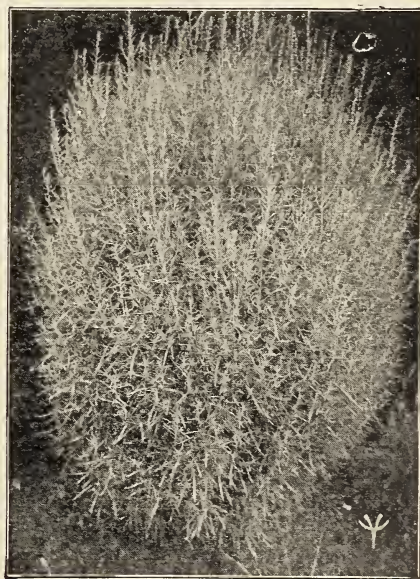
Rubra Coerulea (HEAVENLY BLUE) Bright sky blue. 10c.

Grandiflora (MOON FLOWER) Blooms at night and on dull days, pure white flowers, 5 to 6 inches in diameter, rapid climber. 10c.

IMPERIALIS JAPANESE (JAPANESE MORNING GLORY) Largest and handsomest of all Morning Glories. 10c pkt.

JOB'S TEARS (COIX LACHRYMAE) See ornamental grasses.

KENILWORTH IVY (See Linaria).



Kochia

KOCHIA (SUMMER CYPRESS, BELVEDERE) Burning Bush. *Trichophylla*. An easily-grown annual, which, sown thinly in spring, soon forms a cypress-like hedge of the most lively green and of perfect symmetry; by midsummer it attains a height of about 3 feet, and late in the autumn the whole plant becomes a deep red, a splendid plant to divide the vegetable garden from the flower garden, or for forming a hedge; for the summer for any purpose. $\frac{1}{4}$ oz. 20c. pkt. 5c.



Larkspur

LADY SLIPPER (SEE *CALCEOLARIA*)

LANTANA. One of the most desirable half-hardy perennials, constantly in bloom, verberna-like heads of orange, white, rose and other colors; 2 to 3 ft. Mixed colors 10c.

LARKSPUR (ANNUAL) These handsome Larkspurs are very effective in borders and planted amongst shrubs. The graceful spikes of bloom are much valued for vases. They continue long in bloom. The Emperor, Hyacinth-flowered and Branching varieties bloom a little later than the Stock-flowered. Sow seed in the open borders either in early spring or late fall so germination may take place very early in the spring.

Stock Flowered. Mixed, all colors. 10c pkt.

Giant Hyacinth-flowered. Mixed, 3 ft. Derives its name from the striking resemblance of the flowers to a double Hyacinth. Delicate colors. 10c pkt.

Tall Rocket Mixed. 10c pkt.

Dwarf Rocket Mixed. 10c pkt.

Emperor Mixed. 10c pkt.

LATHYRUS (EVERLASTING OR HARDY SWEET PEA) Free-flowering hardy perennial climber continually in bloom. Mixed colors. 15c pkt. White 10c pkt. Pink 10c pkt.

LAVENDER (*LAVANDULA VERA*) Well-known, sweet-scented, hardy perennial; 3 ft. 10c pkt.

LINARIA (KENILWORTH IVY) Charming small, hardy perennial, trailing plant. 10c pkt.

LINUM or FLAX (SCARLET FLAX.) Brilliant crimson flowers, an inch or more across, and a continuous bloomer. Annual. Grows $1\frac{1}{2}$ to 2 feet high. 10c pkt. Perennial Varieties Mixed. 10c pkt.

LUPINUS (LUPINE) Annual Sorts. Free-flowering, easily-grown annuals, with long, graceful spikes of rich and various colored pea-shaped flowers; valuable for mixed borders, beds and for cutting; prefers a little shade; 2 ft. Rich Blue, Sky Blue, Rose, White. 10c pkt. Annual Mixed. All colors. 10c pkt.

Polyphyllus Sorts. Effective hardy perennials, succeeding in any good garden soil; blooms in May and June, 3 ft. Rose, White, Blue, 10c pkt. Mixed. All colors, 10c pkt.

LOBELIA. The following choice varieties of this popular and beautiful flowering plant will be found most desirable for pot culture, edgings, hanging-

baskets, etc., blooming profusely from June to November. *Cardinalis* is one of the finest native hardy perennials.

Crystal Palace Compacta. Rich deep blue; dark foliage; the finest dark blue for bedding. 10c pkt.

Gracilis. Light blue; light green foliage; trailing. 10c pkt.

Cardinalis (CARDINAL FLOWER). A native variety, with spikes of brilliant scarlet flowers; fine hardy border plant; 3 ft. 15c pkt.

LYCHNIS. Handsome hardy perennial, easy culture, fine for beds and borders. Mixed colors. 10c pkt.

MARIGOLDS (*TAGETES*) The African and French Marigolds are valuable for their flowers in late summer and autumn and can be grown to advantage in little clumps, with other plants, in the front of shrubbery or in the garden border. The African varieties are the taller in growth, and produce large self-colored blossoms. The French varieties are smaller, some of them being elegantly striped and spotted. The dwarf-growing kinds make extremely handsome borders, being neat, compact plants, and remaining in full bloom until killed by frost. Seeds can be sown in the open border, or earlier, in a coldframe, and the young plants transplanted late in the spring to where they are to remain. They succeed best in a light soil, with full exposure to the sun. Annual.

AFRICAN MARIGOLDS

Pride of the Garden. The immense flowers of this grand variety are densely double, and of a beautiful golden yellow color. A notable feature is the compact, dwarf habit of the plant, which forms dense bushes fifteen to eighteen inches high and two feet across. 10c pkt.

Orange Ball. Flowers very large, ten to fourteen inches in circumference, extremely double and quilled like a Dahlia. Plants 3 feet high. 10c pkt.

Lemon Ball. Large lemon-colored flowers, fine for cutting. 10c pkt.

Mixed Varieties. 10c pkt.



Marigold

FRENCH MARIGOLDS

Gold Margin. Double. Flowers velvety maroon, margined with gold. Plant only eight inches high, bushy, compact, and free-flowering. 10c pkt.

Dwarf Gold Striped. Double rich brown, striped golden yellow. 10c pkt.

Dwarf Marigold, Little Brownie or Legion of Honor. A charming single-flowered plant, about six inches high. Very effective in masses or borders. Begins flowering extremely early, commencing in June. Color a brilliant gold, blotched with maroon. 10c pkt.

Signata Pumila. Sunshine Marigold. One of the most beautiful plants for fall color, about eighteen inches high, very bushy habit, and each slender branch, which press close to the main stem, crowned by a delicate golden flower with orange center, forming a dense globular mass. Charming in a border or alone. **10c pkt.**

Dwarf Double Varieties Mixed. **10c pkt.**

Tall Varieties Mixed. **10c pkt.**

MARVEL OF PERU or FOUR O'CLOCK. The flowers of this old-time favorite open about four o'clock in the afternoon and fade the next morning. Two feet high, with bright foliage and fragrant flowers of desirable colors. Set plants two feet apart. Makes a nice hedge if set a foot apart. Seed should be planted in the open ground where plants are desired. The roots may be taken up in the autumn and preserved through the winter for spring planting, in the same manner as Dahlias. Marvel of Peru. Mixed colors. **10c pkt.**

MATRICARIA (Feverfew) Free-flowering, blooms until frost, hardy annual; 18 inches. Dbl. white **10c pkt.**

MAURANDIA. Beautiful, slender-growing climber, half-hardy perennial; 10 ft. Mixed colors, **10c pkt.**

MIGNONETTE (RESEDA) (6 to 12 inches) No garden is complete without this fragrant plant of unassuming mien. One of the principal uses is for cutting purposes and combining in bouquets with other more pretentious blossoms without its delicate odor.

Golden Queen. Yellow. **10c pkt.**

Goliath. Foliage rich green, with bright red flowers.

Flower stalks tall and strong, spikes often 7 in. long by 2 in. in diameter. **10c pkt.**



Nasturtiums

Machet. It is the best Mignonette for all purposes either outside or inside. It is an ever-bloomer, the flowers lasting until late in the fall. **10c pkt.**

Mixed. Many shades and types. **10c pkt.**

MIMOSA (SENSITIVE PLANT) A curious, interesting annual with pinkish-white flowers, leaves low and droop when touched or shaken. **10c pkt.**

MIMULUS (MUSK PLANT) Very showy, profuse-flowering plant, half-hardy perennial, blooms first year if sown early; 1 ft. **15c pkt.**

Tigrinus (MONKEY FLOWER) Spotted variety. **15c.**

Moschatus (MUSK PLANT) Fine for hanging baskets, small yellow flowers, fragrant foliage. **15c pkt.**

MIRIBILIS (SEE MARVEL OF PERU). **10c pkt.**

MOMORDICA (BALSAM PEAR) Very curious climber, ornamental foliage, fruit golden yellow, opens when ripe, showing the seed and its beautiful carmine interior, fine for rock-work, etc., annual 10 ft. **10c.**

MORNING GLORY (SEE CONVULVULUS).

MUSK PLANT (SEE MIMULUS).

MYOSOTIS or FORGET-ME-NOT. Charming, low-growing plants, the bright flowers covering the plants in late spring. Seed sown at any time up to mid-summer will produce plants that will bloom the following spring. Prefer moist shady situation. The Alpestris varieties are very free flowering; they are practically biennial.

Alpestris. Blue. Grows six inches high. Blooms in April. **10c pkt.**

Alpestris Alba. White. Grows six inches high. Good for borders. **10c pkt.**

Alpestris Rosea. Light pink. Grows six inches high. **15c pkt.**

Alpestris, Indigo Blue. New, very fine. A deep indigo blue. **10c pkt.**

Palustris (True Forget-me-not). Blue, with yellow eye. Perennial. **15c pkt.**

Mixed Varieties. Seeds of the above varieties mixed. **10c pkt.**

NASTURTIUMS (TROPAEOLUM) For ease of culture, duration of bloom, brilliancy of color and general all around purposes nothing excels this popular variety. Plant in moderately good soil well drained, sunny position; quick growing and bloom profusely until hard frost comes.

Dwarf Nasturtiums. Any of the following named varieties, packet **15c.**; Yellow and Maroon Blotches, Crimson, Rose, Creamy White, Maroon, Mixed Colors.

Climbing Nasturtiums. Any of the following named varieties, packet **10c.**; Maroon, Salmony Rose, Scarlet, Orange, Creamy White, Mixed Colors.

NEMESIA (LARGE-FLOWERING HYBRIDS.) A very pretty annual, which does best in a cool position; the plants grow about a foot high, and the orchid-like flowers are very varied in color, including rose, yellow, blue, orange, etc. **10c pkt.**

NICOTIANA

Affinis. One of the best Nicotianas we have ever grown. The plant attains the height of three feet and is covered with deliciously-scented, large, white flowers that open in their full glory in the evening and early morning. Easily grown from seed, and cuttings rooted in September will bloom freely in the winter. $\frac{1}{4}$ oz. **35c. pkt. 10c.**

Sanderae. The whole plant, from base to summit, is laden with flowers of an intensely glowing rosy carmine color, making it incomparably beautiful and charming. Easily grown. **10c pkt.**

NIGELLA (LOVE IN A MIST, OR DEVIL IN THE BUSH).

Damascena. A compact, free-flowering plant, with finely cut foliage, curious looking flowers and seed-pods; of easy culture, growing in any garden soil; hardy annuals; blue and white mixed; 1 ft. **10c pkt.**

Miss Jekyll. A lovely variety with cornflower-blue blossoms, splendid for cutting. **10c pkt.**

ORNAMENTAL GRASSES (SEE GRASSES).

PANSIES (GIANT FLOWERING) The Pansy gives an abundance of bloom until after severe frosts, endures our hard winters with safety, and greets us in the early spring with a profusion of bright blossoms. Pansies are at their best during the cool, moist weather of spring and fall. Seed sown in open ground in May or June will give fine blooms in late summer and autumn, and a good crop of flowers the following season if the plants are pinched back in early spring. Seed sown in mid-summer, where it can be shaded and watered will produce plants large enough to winter nicely and come into full bloom in early spring. Young plants give the largest flowers. Old, worn out plants should be replaced by young, vigorous plants.



Pansy

Triumph of Giants. A wonderful mixture of giant flowered pansies. 10c pkt.

Extra Large Flowered Exhibition Mixture. This strain will meet the demand for a real giant flowered fancy pansy. Comprises exquisite shades and colors. 25c pkt.

New Giant Orchid Flowered Mixture. 10c pkt.

Masterpiece Mixture. A special mixture of the Giant Frilled Pansies. A mixture of the finest of a remarkable type of Giant Flowering Pansies, the petals being beautifully waved or frilled. These extremely beautiful flowers come in a wide variety of colors, ranging from white to the deepest maroon or black, creamy yellow to orange, dainty rose to brilliant crimson. 15c pkt.

Mastodon Mixture. The finest thing obtainable in pansies. Wonderful rich colors. Very large. 25c pkt.

Violas or Tufted Pansies. While the Pansy Proper is a spring flower, violas flower throughout the entire season. Seeds sown in spring produce flowering plants by June which bloom until frost. Splendid mixed colors, fine varieties. 10c pkt.

PASSIFLORA (PASSION FLOWER) Fine climbing plant for garden or greenhouse with a profusion of attractive flowers; mixed. 10c.

PENTSTEMON (BEARD-TONGUE) One of the most beautiful attractive herbaceous plants; bearing long

graceful spikes of rich colored flowers; if sown early and transplanted in May will bloom in July until frost, half-hardy perennial; 2 ft. Mixed colors. 10c.

PERILLA (NANKINENSIS) An elegant dark leaved bedding plant, easily grown from seed and not as sensitive to cold as the Coleus. The foliage is a very dark, rich, bronzy purple. Plants grow about eighteen inches in height. 10c pkt.

PETUNIA (SINGLE-FLOWERED BEDDING) Bedding varieties are unsurpassed for massing. They will make a most showy bed, giving a profusion of flowers from early summer until severe frost.

Blotched and Striped, very symmetrically marked. 10c pkt.

Rosy Morn. Dainty soft carmine-pink; white throat; fine for border. 10c pkt.

Extra Choice Mixed. Superb strain 10c pkt.

Fringed Giant. 20c pkt.

Giants of California. 35c pkt.

Double Mixed. 30c pkt.

PHLOX DRUMMONDI. Of all summer flowering annuals this variety is unquestionably one of the most brilliant and satisfactory. Seed may be sown in open ground after danger of frost is past and in a few weeks the beds or borders are all aglow with their brilliant coloring until cut down by the frost. For early flowering they should be started indoors.

Snow White, Shell Pink, Deep Rose, Bright Scarlet, Rich Crimson, Primrose, Soft Lilac, Choicest Mixed, Large-Flowering. 10c pkt.

Star Phlox (STAR OF QUEDLINBURG) Dwarf, pretty star-shaped flower. Mixed colors. 10c.

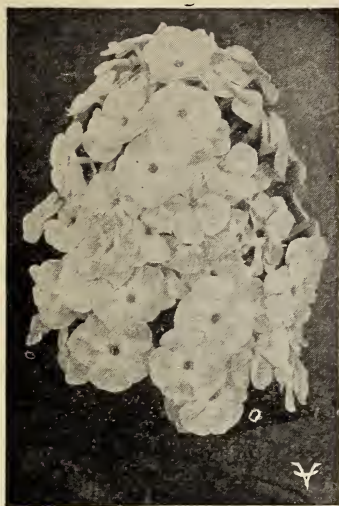
Hardy Perennial Phlox. All colors, mixed. 10c.

PHYSOSTEGIA (FALSE DRAGON HEAD) Virginica. One of the prettiest hardy perennials, and gaining in popularity as it becomes better known. It forms dense bushes, 3 to 4 feet high, bearing freely during the summer months spikes of delicate pink tubular flowers not unlike a gigantic heather. 10c.

PINKS (SEE DIANTHUS)



Pentstemon



Phlox Drummondii

PLATYCODON (BALLOON FLOWER, OR JAPANESE BELLFLOWER). One of the best hardy perennials, producing very showy flowers during the whole season. They form large clumps and are excellent for planting in permanent borders or among shrubbery; easily raised from seed, which begins blooming in August if sown outdoors in April. **10c pkt.**

POPPIES. An extremely popular brilliant flowering annual. Poppies should be sown where they are to remain, as they will not stand transplanting.

Single Annual Poppies. **10c pkt.**

Double Annual Poppies. Mixed colors. **5c.**

Paeony Flowered. Large showy, double mixed colors. **10c.**

Flanders Scarlet Single. **10c.**

Shirley. Mixed single and semi-double. Many colors. **10c pkt.**

Oriental Poppy. Perennial, exceedingly showy, scarlet with black centre. **10c pkt.**

Iceland Poppy (PERENNIAL) Mixed **10c.**

PORTULACA (SUN PLANT) Fine hardy annual, of easy culture, thrives best in rather rich, light, sandy loam and sunny situation, flowers of richest colors, blooming throughout the summer in great profusion, fine for beds, edging or rockwork; 6 inches. Sgl. mixed **10c.** Dbl. mixed **10c.**

PRIMULA. Charming beautiful Chinese Fringed Primrose, fine for winter or spring decorations. One of the most important winter-blooming pot plants. Sow from March to May. Mixed colors **35c.**

PRIMULA (OBCONICA GRANDIFLORA) Everblooming; Mixed **25c.**

PRIMULA POLYANTHUS (PERENNIAL) **10c pkt.**

PYRETHRUM HYBRIDUM (PAINTED DAISY). Hardy perennial, bearing large Daisy or Cosmoslike flowers, ranging in color from white to deep red, with bright yellow centers; blooms in May and June, and again in the fall, and is one of the most graceful and long-lasting cut flowers. **10c pkt.**

RESEDA (SEE MIGNONETTE)

RHODANTHE (SWAN RIVER EVERLASTING) A charming annual; does well in a light rich soil and warm sheltered situation. Fine for pot culture, flowers everlasting. Mixed colors. **10c.**

RICINUS (CASTOR OIL BEAN) Ornamental plant of stately growth and picturesque flowers, brilliant colored fruit; fine for lawns or center plants for beds, mixed, all colors. **10c.**

ZANZIBARIENSIS. A distinct class, which surpasses in size and beauty all varieties. The plants attain

great dimensions, presenting a splendid aspect with their gigantic leaves. The different varieties included in our mixture have light and dark green leaves and some of coppery-bronze, changing to dark green, with reddish ribs. The seeds are beautifully marked. **10c.**

SALPIGLOSSIS (PAINTED TONGUE) One of the greatest favorites among annuals. Partly on account of its easy culture, but mostly for its beautiful, almost orchid like flowers. Mixed sorts. **10c pkt.**

SALVIA (FLOWERING SAGE) A favorite bedding plant, bearing long spikes of flowers in great profusion from July until frost, half-hardy perennial, blooms the first year from seed sown indoors and transplanted when weather permits.

Splendens (SCARLET SAGE) Beautiful bright scarlet. **10c pkt.**

"Bonfire." This is one of the finest of the Scarlet Sages, growing in a compact bush 2 feet high by 2 feet in diameter. Its erect spikes of brilliant scarlet flowers stand clear above the dark green foliage and completely cover the plant. It attracts immediate attention in the garden, and is one of the most effective and gorgeous plants in cultivation. **10c pkt.**

Patens (BLUE SAGE). **15c.**

SCABIOSA (MOURNING BRIDE, SWEET SCABIOUS, PIN-CUSHION FLOWER, ETC.) The Annual Scabiosas are firm favorites by many of our customers. Seed can be sown any time in the spring after danger of frost is past. They grow about 2½ feet high, and come into bloom early in July, and continue without interruption until hard frost. The beautiful flowers in exquisite shades are borne on long stems, and when cut keep in perfect condition for the best part of a week. They make effective borders or beds, and no garden is complete without both the annual and perennial Scabiosas, especially where flowers are wanted for cutting. We offer 6 colors, as under:

Large Flowering Annual. Lavender-blue, Crimson, Black Purple, Rose, White at **10c per pkt.,** Mixed at **10c pkt.**

Hardy Perennial Scabiosas. (CAUCASICA, BLUE BONNET). One of the handsomest of hardy perennials, especially valuable for cutting, the blooms lasting a long time in water, color soft lavender-blue; 3 ft. **10c pkt.**

SCARLET RUNNER BEANS. Great favorite of England and continent of Europe, not only as an ornamental climber, but for the delicious edible beans which succeed the bright scarlet blossoms. **10c pkt.**



Iceland Poppy



Schizanthus

SCHIZANTHUS (BUTTERFLY OR FRINGE FLOWER) Splendid annual with a profusion of various colored flowers; fine for greenhouse decorations and flower garden, of easy culture. Mixed **15c pkt.**

SHASTA DAISIES (*CHRYSANTHEMUM LEUCANTHEMUM*). A splendid hardy perennial variety with flowers rarely less than 5 inches across, of the purest glistening white with broad overlapping petals, and borne on long, strong stems; a beautiful cut flower, remaining in good condition a week or more. **10c pkt.**

SMILAX (*MYRSIPHYLLUM ASPARAGOIDES*) In many respects the Smilax is the most useful, and certainly one of the most graceful climbers; for bouquets and floral decorations it is indispensable. Soak seed in warm water for 12 hours and plant in pots. A tender perennial; 10 ft. **10c pkt.**

SNAP DRAGON (SEE *ANTIRRHINUM*)

SOLANUM (JERUSALEM CHERRY) Very useful pot plant for winter decoration, dwarf branching habit, leaves small and oval shaped, bearing in great profusion bright scarlet globular berries. **10c pkt.**

SWEET PEAS (How to grow sweet peas)

The soil for Sweet Peas should be rich and deep. A good rich loam, with plenty of well-rotted manure in it, is the ideal soil for raising good plants that will produce plenty of blooms. Considerable benefit has been noted from the use of Inoculating Culture. Seed may be sown out of doors as early in the season as the ground can be worked, usually the middle of March to the middle of April. Make a trench or furrow about 6 inches deep, in the bottom of which sow the seed. Cover with about one inch of soil, pressing it down firmly. As soon as they are above ground thin out to 2 or 4 inches apart. Planted too close they do not attain full development. They should be staked either with branches of brush or stout stakes on which wire netting has been fastened. These should be at least 5 feet above ground. Do the staking at the time of sowing.

During dry weather they should be watered thoroughly and frequently. The flowers should be cut as often as possible to prevent the plants from running to seed, which would stop them from continuing in bloom.

SELECT GRANDIFLORA SWEET PEAS

Black Knight. Very deep maroon, shaded black. **10c pkt.**

Dorothy Eckford. Magnificent pure white.

King Edward VII. The finest crimson-scarlet. **10c.**

Lady Grisel Hamilton. Lavender. **10c.**

Lord Nelson. The richest deep navy-blue. **10c.**

Miss Willmot. Brilliant orange-pink; very large. **10c.**

Prima Donna. A magnificent pure pink. **10c.**

Price. Any of the above, **10c per pkt., oz. 20c.**

Grandiflora. $\frac{1}{4}$ lb. 35c., $\frac{1}{2}$ lb. 60c., lb. \$1.00.

SPENCER SWEET PEAS. The magnificent new Spencer Sweet Peas are rapidly displacing the older kinds. The plants make a vigorous growth and the flowers are extraordinarily large, being, when well grown, from two to two and one-half inches in diameter. In addition, the petals are beautifully waved or fluted, and in some of the newer Spencers the fluting is very pronounced. Practically the whole range of grandiflora varieties has now been duplicated in the Spencer type; but after careful trials we have selected the following list as embracing the Choicest of the Spencer Sweet Peas:

Appleblossom. Standard rose, showing veins of deeper rose. Wings light carmine; the whole color overspreads on primrose. **10c.**

Asta Ohn. Charming soft lavender tinted with mauve pink. Packet **10c.**, ounce **45c.**

Barbara. Bright salmon orange with dark stems. **10c pkt.**

Campfire. Bright cerise scarlet. **10c.**

Countess Spencer. Clear pink deepening somewhat towards the edge. **10c pkt.**

Crimson King. Rich oxblood crimson. **10c.**

Dobbie's Cream. Deep cream or primrose. **10c**

Dobbie's Sun Proof Crimson. **10c.**

Fiery Cross. Bright orange cerise. **10c.**

Flora Norton Spencer. Bright blue. **10c.**

Florence Nightengale Lavender. **10c pkt.**

Hawlmart. Rose, salmon-pink, rose-pink, flushed deep salmon. **10c.**

Hercules. A rich pink flower, waved. **10c pkt.**

Jack Cornwall. Rich dark blue. **10c pkt.**

King Edward VII. Rich waved crimson. **10c pkt.**

King White. Produces gigantic flowers absolutely pure white. **10c pkt.**

Margaret Atlee. Large rich pink. **10c pkt.**

Mrs. Tom Jones. Brilliant blue. **10c pkt.**

Royal Purple. Rich royal blue. **10c pkt.**

Splendour. Rich maroon. **10c.**

Youth. White, edged with a delicate soft rose pink.

White Spencer. Large pure white. **Pkt. 10c. oz. 25c.**

Superb. Mixed. **Per ounce 25c, $\frac{1}{4}$ lb. 85c. 1 lb. \$2.50.**



Sweet Peas

STOKESIA (CORNFLOWER ASTER) *Cyanea*. This is not new, but is a rare and beautiful hardy perennial. The plant grows about 24 inches high, each bearing from 20 to 30 handsome lavender-blue cornflower-like blossoms; in bloom from July till frost. One of the choicest subjects for the hardy border, and indispensable for cutting. **10c.**

STOCKS. Cut-and-Come-Again 10-Week Stocks. Splendid perpetual-booming class, sown in March or April they begin flowering in July, continuing till frost, and are especially valuable during September and October, when other flowers are scarce; they throw out numerous side branches, all bearing very double, fragrant flowers. White, Rose, Blood-red, Dark Blue, Creamy Yellow. **10c per pkt.**
Finest Mixed, all colors. **10c per pkt.**
Dresden Perpetual. Pink. **15c pkt.**
Crimson, Blood Red, White, Violet, Dark Blue, Purple, Mixed. **10c per pkt.**

SUNFLOWER. These comprise plants of majestic growth and immense showy flowers, suitable for shrubberies, woodlands, wild gardens and sub-tropical gardening; the dwarfier kinds, with smaller flowers, are charming when grouped in mixed flower borders. Excellent for cutting.

Large Flowered Tall. **10c.**

Californicus Fl. Pl. 10 feet. Double dark yellow. **10c pkt.**

Double Mixed. **10c pkt.**

Russian Mammoth. Single, of gigantic dimensions. 1 oz., **10c.**

Miniature-Flowered Sunflowers—

Double Hybrids. Double and semi-double flowers. **10c pkt.**

SWEET ROCKET (HESPERIS) Old-fashioned garden plant, also known as Dame's Rocket and Dame's Violet; 2 to 3 ft. high with spikes of showy white, lilac and purple fragrant flowers, fine for shrubbery and permanent border. Mixed colors. **10c pkt.**

SWEET SULTAN. See Centaurea.

SWEET WILLIAM (DIANTHUS BARBATUS) (LONDON TUFTS). A well-known, attractive, free-flowering hardy perennial, producing a splendid effect in beds and borders with their rich and varied flowers. It is much better to raise new, vigorous, young plants from seed every season than to divide the old plants.
Pink Beauty, deep pink. **10c pkt.**
Double mixed. **10c pkt.**
Single Mixed. **10c pkt.**

TAGETES (SEE MARGOLDS AND CALENDULA).

THUNBERGIA (BLACK-EYED SUSAN) Beautiful rapid-growing climber used especially for hanging baskets, low fences, etc., flowers in buff, white, orange, etc., with dark eyes; mixed colors. **10c pkt.**

TORENIA. Fine annual; splendid plant for vases, hanging baskets, borders, etc., blooming the entire season. Blue, white, and yellow. **10c pkt.**

TROPAEOLUM (SEE NASTURTIUM).

VERBENAS. Unrivalled as low growing bedding plants. Long season of bloom. Very few plants will make such a gorgeous display during the summer months as the Verbenas, or furnish more flowers for cutting. Start seed in the house or under glass early in the spring, and transplant after three or four inches of growth. Good healthy plants can be produced readily from seed. They flower in July, and continue strong and healthy until after severe frosts.

Striped. Excellent flowers with Carnation-like stripes. **10c pkt.**

Scarlet. Brightest scarlet. Quite true. **10c pkt.**

Pure White. Quite true from seed. **10c pkt.**

Blue. Shades of blue and purple. **10c pkt.**

Pink. **10c pkt.**

Mixed Colors. **10c pkt.**

Verbena Hybrida. Extra large flowers, fine mixed colors, choice seed, saved only from the most beautiful named flowers. **10c pkt.**

Lemon Scented. **10c pkt.**

VIOLA (SEE PANSIES).

VINCA (MADAGASCAR PERIWINKLE OR OLD MAID) Ornamental free-blooming plant, fine for bedding, flower from seed the first season, continuing until frost or they may be potted and kept in bloom through the winter, 2 ft. **Rose 10c., White 10c., Mixed 10c.**

WALLFLOWER. Well-known deliciously fragrant half hardy perennials, blooming early in the spring, with spikes of beautiful flowers. They should be protected in a cold frame in the winter and planted out in April.

Single Mixed. All colors. **10c pkt.**

Double Finest Mixed. **10c pkt.**

WILD CUCUMBER (SEE ECHINOCYSTIS). **10c pkt.**

WILD GARDEN FLOWER SEEDS. Under this heading we offer a mixture of the easiest and surest growing kinds that can be sown broadcast, and with little or no care will produce a bright effect in places that would otherwise be nothing but a collection of unsightly weeds, and furnishing an abundance of flowers for cutting. **10c pkt.**

ZINNIA (YOUTH AND OLD AGE) One of the most brilliant and showy of annuals. An old and continued favorite. The seed can be sown early and transplanted or sown later in open ground. They come into bloom early in summer, and continue until hard frost.

Double Giants. An improved strain which produces immense flowers. **10c pkt.**

Blood Red, Bright Rose, Canary Yellow, Crimson, Golden Yellow, Blush Pink, Orange, Purple, Rose, Violet, **Each 10c pkt.**

Dahlia Flowered. The latest development in Zinnias, bears flowers of mammoth size resembling a decorative Dahlia. Our special strain is grown by the originator of this type. Mixed colors, **15c pkt.**

FEED FLOWERS ASPIRIN

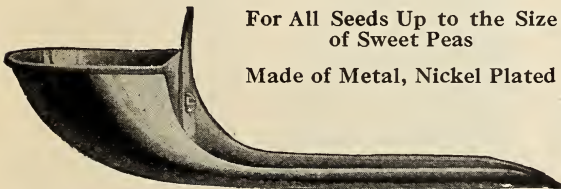
Cut flowers may be prevented from fading by giving them an aspirin tablet. Norman D. Keefer, pharmacist at Mt. Alto, Pa., says that by this method he preserved flowers for several days beyond the time when they ordinarily would fade and has revived them when wilted.

SOWRITE SEED-SOWER

Sows Seeds at a Touch

For All Seeds Up to the Size
of Sweet Peas

Made of Metal, Nickel Plated



It is for the finest seeds as well as seeds of larger size, like Pansies, Snapdragon, etc. Amateurs sowing fine seeds like it better. They easily get the knack of handling it when first they try some seeds on a table cloth. This little sower is filling a long felt want among lovers of good gardens and flowers.

The graduating hole controls the outflow of even the finest seeds. Price \$1.50. Order now.

Ideal Power Lawn Mowers

Real Lawn Builders and Labor Savers

The Ideal "Thirty"

Every lawn, whether it covers a large area, or is only a few hundred feet in size, can be kept attractive at a lower cost.

By applying motive power to mowing, an appreciable saving is made in labor—lawn maintenance, in fact, is more than cut in two—with Ideal Power Mowers.

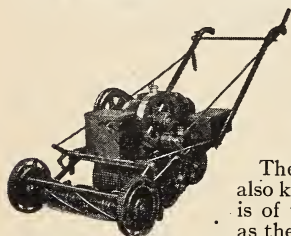
There are Ideal Mowers for every size and kind of lawn—for large public or private grounds—for the smallest lawns—and all do fast work—improve beauty and reduce costs. **Rolls your Lawn every time it is cut, keeps it in fine condition**

A TWO-PURPOSE mower for large and medium sized lawns. It cuts and rolls at the same time. Cutting units are suspended to provide flexibility for close work over irregular grounds, and are pushed ahead of the mower the same as a hand mower.

The built-in traction roller constantly irons out uneven spots, maintaining a perfectly level lawn.

Cuts a 30-inch swath, mowing from 5 to 7 acres daily.

The Ideal "Twenty-Two"



The Ideal "Twenty-two," also known as the Ideal Junior, is of the same general design as the "Thirty," being a roller

type machine but smaller, lighter, having a narrower cut, and as a consequence lower in price. The "Twenty-two" is a very good machine for cemeteries, also extensively used on lawns of moderate size.

Both the "Thirty" and the "Twenty-two" are equipped with the Ideal air-cooled, slow speed, four cycle engine, and with the Ideal Bull Dog cutting units. In fact, these machines are built complete in the Ideal plant and their reliability is well known through many years of service.

The Ideal "Twenty-Five"

Guaranteed to Cut Any Steep Grade—Hilly Lawn



The Ideal "Twenty-five" is a mower that will soon pay its cost on any large lawn, yet its greatest utility is in cemetery work and for use on lawns and parks where there are steep grades to climb. Being extremely simple in design, it is a mower that anyone can easily operate and care for. Very sturdy in construction,

plenty of power for the hardest work and built for years of service.

The Ideal "Twenty"

The "TWENTY" is a practical mower for small lawns where hand mowers have been in use. Handles as easily as a hand mower, cuts around trees readily, crops closely to shrubbery, mounts grades with ease, and capable of cutting from two to three acres a day.



1927 Price List of Ideal Power Mowers

Ideal Power Mower, 20-in. for smaller lawns.....	\$195.00
Ideal Junior Power Mower, roller type, with one cutting mower, 22-in.....	245.00
Extra for one additional 22-in. cutting unit....	35.00
Extra for grass catcher.....	7.50
Ideal Standard 30-in. Mower, roller type, with one cutting mower.....	360.00
Riding Trailer for 30-in. mower.....	20.00
Extra for one additional 30-in. cutting unit....	50.00
Extra for 22-in. putting green unit.....	55.00
Ideal "Twenty-five" (wheel type) 25-in.....	285.00
Ideal Power Putting Green Mower, roller type, complete with one 18-in. cutting green unit and grass catcher.....	260.00
Extra for one additional 18-in. putting green unit.....	45.00
Ideal Power Triplex Mower complete with three cutting mowers.....	1250.00
Extra each for additional cutting units for triplex.....	90.00

WE REFER YOU TO A FEW USERS OF IDEAL MOWERS

D. M. Edwards, Syracuse
Mrs. James Pass, Syracuse
Willard J. Hall, Oswego
Lewis P. Lighton, Syracuse
City Water, Dept., Syracuse
City of Syracuse, Syracuse
Mrs. H. S. Holden, Syracuse
Mrs. L. B. Fitch, Skaneateles
H. W. Chapin, Syracuse
Mrs. F. L. Norton, Cazenovia
Donald Kirk, Camillus
Donald Dey, Syracuse
C. A. Chase, Syracuse
Stephen Breese, Syracuse
Dr. Frank J. Kaufman, Cleve'd
St. John's Military School,
Manlius
Charles Ely, Fayetteville
Solvay Process Co., Solvay
Jas. Heffernan, Syracuse
Tuscarora Golf Club, Syracuse

Rt. Rev. Bishop Curley, Syracuse
C. D. Beebe, Skaneateles
Clarence R. King, Syracuse
S. T. Wood, Liverpool
Frank Smith, Clay
Harold Avery, Syracuse
Mrs. Henry Burden, Cazenovia
R. H. Bendixen, Syracuse
Lyman C. Smith Estate, Syracuse
Mrs. F. W. Sager, Skaneateles
Geo. H. Norris, Syracuse
C. S. Estabrook, Syracuse
Geo. W. Wood, Skaneateles
E. N. Trump, Syracuse
E. I. Rice, Syracuse
Willard C. Lipe, Syracuse
John Hunter, Fulton
Oswego Public Works, Oswego
H. A. Moody Estate, Pulaski
Camillus Cemetery, Camillus

Wolverine Hand Mowers



Equipped
with
Timken
Roller
Bearings

Sturdy is the word
which best describes
the Ideal Wolverine
Hand Mower. Every
detail lengthens the
life.

DUST PROOF BEARING BUSHINGS
SPECIALLY DESIGNED HANDLE CLAMP
ABSOLUTELY RIGID FRAME
LOWER CUTTING BAR INDEPENDENT OF FRAME
REVOLVING BLADES OF SELECTED HIGH CARBON STEEL

BULL DOG TRACTOR MOWER

Ideal "Bull Dog" 5-Unit Tractor Mower,
complete with tractor hitch for pulling be-
hind any tractor (138-inch cut), weight
1540 lbs.....\$675.00

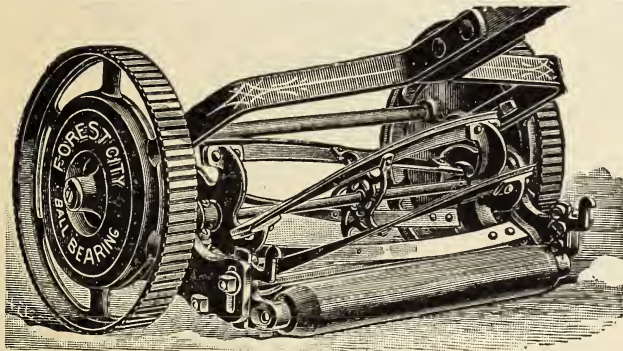
Ideal "Bull Dog" 3-Unit Tractor Mower,
complete with tractor hitch for pulling be-
hind any tractor (84-inch cut), weight
1030 lbs.....440.00

Ideal Horse Drawn "Bull Dog" 3-Unit
Mower, complete with thills (pole optional).
Furnished with seat (84-inch cut), weight
1040 lbs.....440.00

Wolverine Hand Mower

OPEN HEARTH LOWER BLADE WITH
CRUCIBLE STEEL FACE
(Furnished in either four blade or five blade types)

16-inch Ideal Wolverine Hand Mower.....\$ 22.00
18-inch Ideal Wolverine Hand Mower.....24.00



Forest City Ball Bearing

This is the Best BALL-BEARING MOWER on
the market. Perfect in detail, absolutely
guaranteed.
15-inch.....\$21.00 19-inch.....\$25.00
17-inch.....24.00 21-inch.....28.00

Water Weight Roller

The Ball-bearing water weight roller is made
in one section and electric welded. Water
cannot possibly leak out. The weight of this
roller can be increased or diminished by in-
creasing or decreasing the water. Very simple
and easy to handle and revolutionizes the
work of rolling.

No. 2, water, 175 lb.....\$13.00
No. 4, water, 265 lb.....16.00
No. 5, water, 275 lb., with sand 500 lb.20.00
No. 7, water 420 lb., with sand 800 lb.22.00

Add \$4.00 for the counterweight

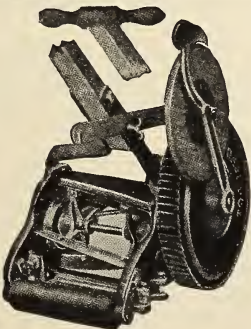
Horse Lawn Mowers

Pennsylvania Standard or Regular Style
25-in. Pony, with wooden rear roller (draw
bale only).....\$ 60.00
30-in. with draw bale only.....100.00
30-in. with seats and shafts.....120.00
38-in. with draw bale only.....130.00
38-in. with seats and shafts.....155.00

Pennsylvania Grand Horse Mower
30-in. cut, with draw bale.....\$115.00
30-in. cut, with seats and shafts.....135.00
38-in. cut, with draw bale.....145.00
38-in. cut, with seats and shafts.....170.00
Send for Catalogue

Lawn Trimmer

For trimming around
walks, flower beds, trees,
posts, monuments and
shrubbery, and all places
that cannot be reached
with any lawn mower.
Cuts within one-fourth
of an inch of the edge.
Has a revolving cutter
with four crucible steel
blades, tempered in oil
and cuts six inches wide.
PRICE \$10.00 and \$12.00



"Little Wonder" Hedge Trimmer
30 inch size \$24.00

The Little Wonder
Hedge Trimmer cuts every
variety of hedge grown,
five to ten times as fast
as by hand.
Will trim a hedge to
any shape and cut wanted,
various attachments and
adjustments being pro-
vided for each type.
Cuts sides of square or
pivot top hedges 10 feet
high with the operators
standing on the ground.



Prices Subject to Change Without Notice

Planet Jr.

No. 25 Planet Jr. Combined Hill and Drill Seeder, Double and Single Wheel Hoe, Cultivator and Plow



Holds 2½ Quarts of Seed
Price \$21.50

Has the same simple, accurate seeding device as the No. 4, but as a wheel hoe can be used with either one or two wheels. It is especially suitable for the larger family garden where the rows are long enough to warrant the use of a double wheel hoe. Straddles the row in crops like beets, carrots, beans, peas, lettuce, onions, radish, spinach, etc., during the entire season, permitting closer, cleaner work. Tools especially designed and oil-tempered.

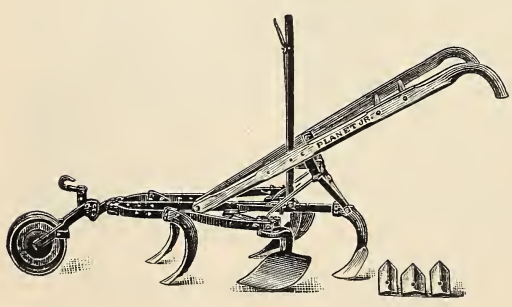
No. 18 Planet Jr. Single Wheel Hoe \$5.75

The No. 18 is the No. 17 without the plow and cultivator teeth, which can be added at any time if wanted. The hoes, the most valuable of the wheel hoe attachments, hoe completely all the space between 12 and 14-inch rows in the most perfect manner. They leave the ground level.

Step in and inspect our Planet Jr. tools.

Planet Jr. HORSE HOES AND CULTIVATORS

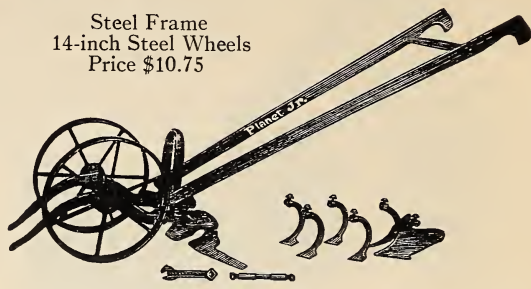
No. 9 Planet Jr. Horse Hoe and Cultivator



Garden Implements

No. 12 Combined Double and Single Wheel Hoe, Cultivator and Plow

Steel Frame
14-inch Steel Wheels
Price \$10.75



A double and single wheel hoe in one, with high arch so that crops can be straddled until 20 inches high—quicker and cleaner work. May then be used between the rows with one or two wheels.

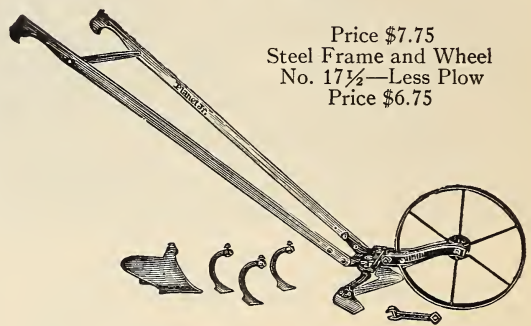
Will do almost any kind of garden work—plowing, harrowing, hoeing, cultivating, opening furrows, covering and hilling, and useful throughout the season.

Tools are of special design and specially hardened, giving elegant satisfaction and long service.

No. 13, with Side Hoes only \$8.00

No. 17 Planet Jr. Single Wheel Hoe

Price \$7.75
Steel Frame and Wheel
No. 17½—Less Plow
Price \$6.75



Single Wheel Hoes are the most popular hand cultivating tools for general work. They have a great variety of attachments which adapt them to almost any kind of garden work. They are generally used between rows, but by mounting the wheel on the other side of the arm, can be used to hoe both sides at once, while plants are small.

The No. 9 has become popular because of its strength, lightness, easy change of width, and perfection of work, and is a favorite. All steels especially hardened and efficient. The handles are adjustable in height and also sidewise.

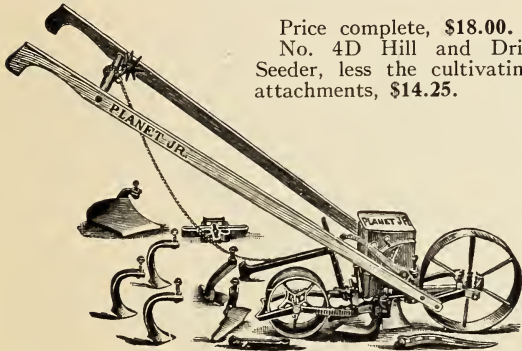
The No. 9 Planet Jr. Combined Horse Hoe and Cultivator is in use throughout the civilized world. It is so strongly built as to withstand incredible strain, yet it is easy to handle. It cultivates to any reasonable depth, and is adjustable for any useful width. No. 9E same, less the 6-inch hillers and the 7-inch shovel.

No. 9 Price.....\$15.50
No. 9E Price.....14.25

Planet Jr. Seed Drills

The success of your crops depends on good seeding and thorough cultivation. Both these operations a Planet Jr. will do in a fraction of the time required by old methods and with a fraction of the labor. Fifty years of study and experiment have resulted in several types of Planet Jr. Implements which combine in the highest degree effective work, ease of handling and wear-resisting quality.

No. 4 PLANET Jr. Combined Hill and Drill Seeder, Wheel Hoe, Cultivator and Plow

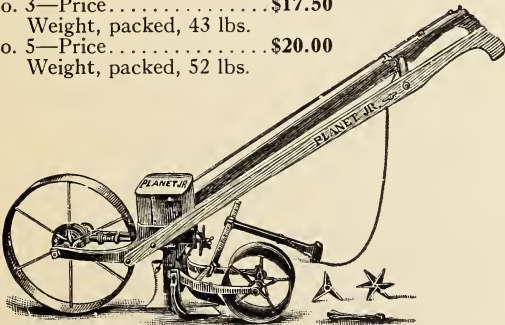


Price complete, \$18.00.
No. 4D Hill and Drill
Seeder, less the cultivating
attachments, \$14.25.

This accurate, durable and easy-running tool sows all garden seeds from the smallest up to peas and beans in hills 4, 6, 8, 12 or 24 inches apart, or in drills at the proper thickness and depth; rolling down and marking out the next row all at one passage. No time is lost. No seed wasted. By removing the seeder parts you have a first-class single wheel hoe with a set of specially hardened steel tools. Makes the care of a garden a pleasure as well as very profitable. Can be used successfully by men, women or growing boys.

No. 3 PLANET Jr. Hill and Drill Seeder

No. 3—Price.....\$17.50
Weight, packed, 43 lbs.
No. 5—Price.....\$20.00
Weight, packed, 52 lbs.



The No. 3 driving wheel is steel, with heavy forged steel spokes, not "piano wire;" of proper height, with broad face, making the tool light and easy running, even with the hopper filled to the brim.

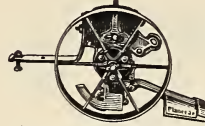
The special force feed is admirable, working equally well whether sowing with an ounce or a full hopper. Holds 3 quarts.

The hill dropping is simple and reliable, making hills 4, 6, 8, 12 or 24 inches apart.

No. 5 Planet Jr. Hill and Drill Seeder

16½-inch steel wheel. Sheet steel hopper holding 5 quarts. Built on the same lines as No. 3 Drill, only larger.

No. 35 Planet Jr. Seeder Attach- ment. Price \$6.50



With handle, \$7.25

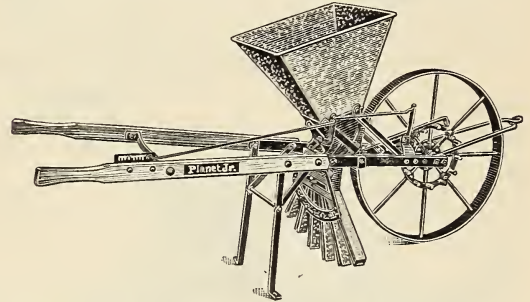
Weight, 8½ lbs.;

with handle, 9½ lbs.

This seeder can be attached to any Planet Jr. Single or Double Wheel Hoe or Garden Plow except Firefly and No. 19 with a single bolt and will be found particularly suitable for the small kitchen garden. It will plant practically all seeds in a straight, continuous row, at a uniform depth, in a fraction of the time required by hand and infinitely better. Everyone having a wheel hoe should have this attachment. Also furnished with a handle so it can be used as a separate machine.

No. 220 PLANET Jr. Fertilizer Distributor

Saves Time, Money—Produces Bigger Crops



The No. 220 spreads fertilizer from 4 to 30 inches on the ground. The hopper capacity is one bushel and the weight of the load is placed over the wheel, making it easy to push.

The No. 220 will distribute fertilizer in the middle of three rows 12 to 14 inches apart; it will side-dress one side each of two rows up to 36 inches apart. You can use it in very narrow rows—as close as 9 inches. You can use it in 42 to 48-inch rows by closing off the flow in three spouts and distributing through the other three—either on the right or left hand side.

The simplicity, efficiency, and long wearing qualities of the No. 220 will appeal to everyone. No chains, gears, or canvas belts to break, rust, tear or stick.

PRICE \$27.00

THE CYCLONE SEED SOWER

This is the cheapest Crank Seeder on the market, and equal to the best for quality of work it does and durability. Don't pay \$5.00 for a seeder when you can get it equal for less money.

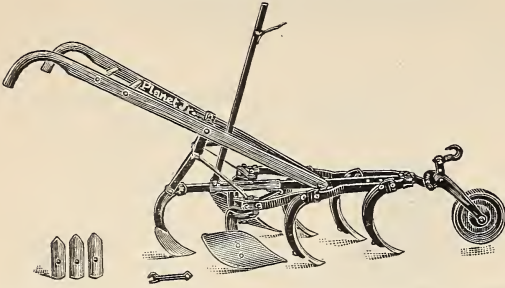
Will sow Wheat, Oats, Rice, Flax, Millet, Turnip Seed, Clover Seed, Grass Seed, including Light grasses; in fact any kind of Seed broadcast. Also Plaster, Fertilizer, Salt, Ashes, etc. Price \$3.50.

They save one-third seed and two-thirds labor.

Planet Jr. HORSE HOES AND CULTIVATORS

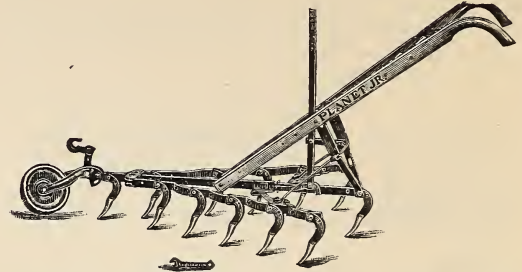
No. 82 Planet Jr. Seven-Tooth Horse Hoe and Cultivator

No. 91 Planet Jr. Twelve-Tooth Harrow



The No. 82 Planet Jr. Seven-Tooth Horse Hoe is a new machine which, in the opinion of those who ought to know, is the coming One-Horse Hoe and Cultivator. Its reversible side standards can be turned to any angle desired. It insures fine and thorough cultivation because the seven 2 1/4 x 8-inch cultivator steels do better work than the five-tooth machine. The No. 82 will take all the extra attachments shown in the Planet Jr. Catalog, including Sweeps, Furrowers, Turning Shovels, etc., etc. Can be run deep or shallow. **Equipment:** 7, 2 1/4 x 8-inch Cultivator Steels, 1 pair 6-inch Hillers, 1 7-inch Shovel Steel, Lever Expander. No. 32E same, but hillers and shovel steel.

No. 82 Price.....	\$17.00
No. 82E Price.....	15.75



A great favorite among vegetable and berry growers. The strawberry grower finds this tool invaluable, as it works so closely and thoroughly, deep or shallow, without throwing earth on the plants. With it he keeps the ground loose and clean, and works up and beds the runners. The round-throated teeth turn them aside without injury, ready to root in the mellowed soil.

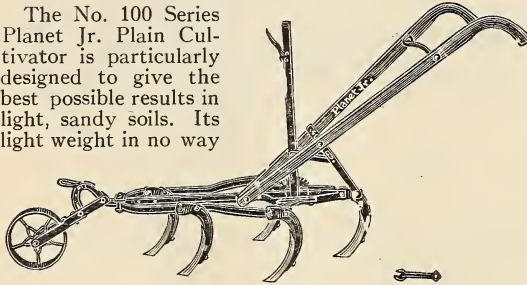
Farmers and gardeners use the harrow in deep or close cultivation, or when desiring to work a crop thoroughly, but without hilling.

The foot lever pulverizer is an effective attachment for fine cultivation and for preparing ground for the seed drill or for plant setting. It comes as an extra.

No. 91 Price.....	\$13.75
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No. 101 Planet Jr. Plain Cultivator

The No. 100 Series Planet Jr. Plain Cultivator is particularly designed to give the best possible results in light, sandy soils. Its light weight in no way



Equipment: 5 3x8-inch Cultivator Steels,
Lever Expander

detracts from its strength and wearing qualities. The No. 101 has for equipment five 3 x 8-inch cultivator steels and a lever expander. The lever is all steel, has recently been simplified and improved and works very easily.

The No. 101 is simple, strong and easily handled and has so few parts there is little danger of it ever getting out of order.

No. 101D same, less the wheel.

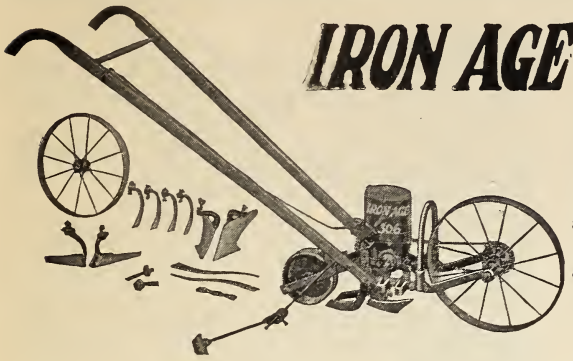
The No. 107 Planet Jr. Seven-Tooth Plain Cultivator same as the No. 101. It has seven standards which carry six 2 1/4 x 8-inch cultivator steels and one 4-inch cultivator steel, and naturally it does finer work than the five-tooth cultivator.

No. 101 Price.....	\$11.75
No. 101D Price.....	10.00
No. 107 Price.....	13.50

Bargains in Tools and Implements

- We offer at an especially low price the following list of tools and implements—every one of which is a genuine bargain and can be seen at our warehouse. Some of these have been somewhat used.
- | | |
|---|---|
| 3 Ensilage Cutters, A-1 condition | 1 60-Gallon Gasoline Tank, Galvanized Iron |
| 1 3-horse Gas Engine | 1 Webber Fanning Mill, second-hand |
| 1 Renfrew Portable Weighing Scale on Wheels. \$55.00 | 1 Darnell Furrower and Marker, \$22.00 . This is a splendid labor saving tool. Will pay for itself in 2 years. |
| 2 Barrel Spray Pumps | 1 Hoosier Corn Planter |
| 1 Hoosier 2-horse Corn Planter (used once) | 1 No. 3 Hurst Sprayer, \$35.00 |
| 1 Perry Spring Tooth Harrow (Wood Frame) | 1 No. 4 Hurst Sprayer, \$40.00 |
| 17 Hamilton Galvanized Coops | 1 Bullard Tedder, 6-fork |
| 1 Champion Weeder | 300 feet Chain Ladder at a bargain. Last a hundred years. Never wear out. |
| 1 Steel Disc Smoothing Harrow | |
| 1 Ford Power Attachment | |
| 1 Sod Cutter | |
| 1 Ohio Disc Tractor | |

We offer a quantity of Union Lock Fencing, 2 and 3 feet wide, at a bargain.

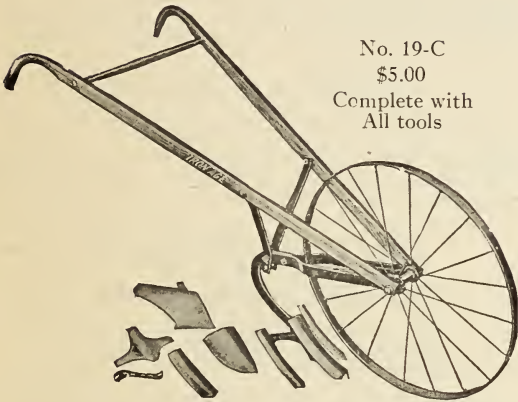


IRON AGE

GARDEN SEED DRILLS
AND WHEEL HOES

For the home, farm or market garden; seedmen, florists, poultrymen, etc. There are 38 or more styles and combinations in this line, all described in a booklet, "Modern Gardening," which we would like to send each reader of this catalog.

No. 306, Combined \$19.00



No. 19-C
\$5.00
Complete with
All tools



No 303, With
Side Hoes Only
Price \$8.00

No. 19-C Wheel Cultivator and Plow

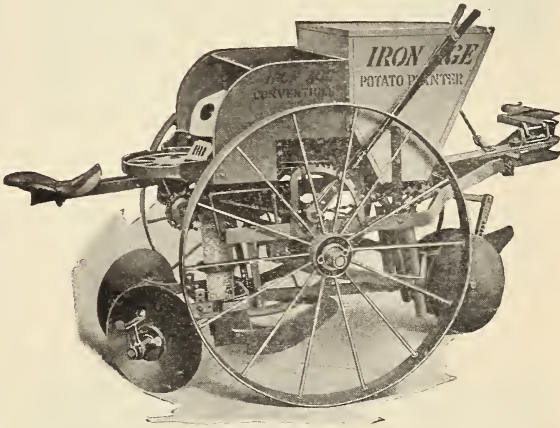
Has extra high steel wheel—24 inches—which some seem to prefer. The frame is an all-steel arch in three parts—compact, light, durable. The working tools are attached in position and are adjustable. The plow is noted for turning a fine good furrow.

The cultivating tools include Landside Plow, Scuffle Hoe, two separate Cultivator Teeth, Set of Cultivator Teeth on bracket.

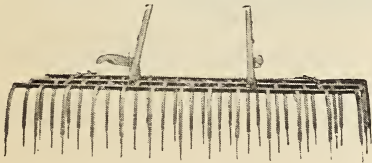
IRON AGE POTATO PLANTER

Plants one seed piece in every space and one only. Makes a perfect stand possible and saves at least one bushel of seed per acre. Straight rows, even depth and uniform spacing. Can plant 9 to 24 inches apart. Furnished with or without fertilizer distributor, regular or large size. Also, with seed box extension if wanted. Steel seed box. Steel frame. Choice of four styles of opening plows. The boy on the back seat pays, for it costs no more to prepare ground, cultivate, fertilize and spray a perfect stand, and every hill missed decreases your yield.

No. 404-R, \$150.00



Round-Point, Spring-Tooth Weeder



For Early Cultivation
For Shallow Cultivation
For Perfect Cultivation

This weeder has thirty-nine round-point spring teeth, arranged in three lines and securely fastened to angle steel bars. It is 7½ feet wide and gives perfect results in operation. Handles and thills are adjustable for height.

This tool is worked on the row and between the plants. Does not hurt young plants, such as corn and potatoes, it can be run in any direction over the field. Takes out the small weeds and forms a dust mulch close up to the plants, insuring strong, healthy, vigorous start.

39 teeth.....Price \$16.00

INSECTICIDES

ARSENATE OF LEAD PASTE, 1 lb. 50c; 5 lbs. \$1.75; 10 lbs. \$3.00; 25 lbs. \$6.50; 50 lbs. \$11.00; 100 lbs. \$17.00.

BLACK FLAG, for fleas, flies, bedbugs, mosquitoes. 25c, 45c, 75c.

BLACK LEAF 40. A concentrated nicotine solution for aphids, thrip, and red spider. Dilute 1 ox. to from 3 to 6 gals. of water. 1 oz. 35c; ½ lb. \$1.25; 2 lbs. \$3.50; 10 lbs. \$13.50.

BORDEAUX MIXTURE, powder, per lb. 35c; 5 lbs. \$1.50; 10 lbs. \$2.50.

BUG DEATH, 1 lb. 20c; 3 lbs. 50c; 5 lbs. 70c; 12½ lbs. \$1.70; 100 lbs. \$9.50.

CARBOLINIUM, 1 or 2 gals. \$1.75 per gal.; 5 gals. \$1.50 gal; 5 or 10 gals. \$1.35 gal.

COOPER'S SHEEP DIP, pkg. \$2.00.

COPPER SULPHATE, 1 lb. 15c.

CUT WORM KILLER, 1 lb. 30c; 5 lbs. \$1.25; 25 lbs. \$4.00.

CYANOGAS (CALCIUM CYANIDE), for woodchucks, rats, ants, moles, 5 lb. \$2.50.

FISH OIL SOAP, ½ lb. 20c; 1 lb. 35c; 2 lb. 60c; 5 lb. \$1.35.

FISH OIL SOAP AND TOBACCO, 1 lb. 30c; 5 lbs. \$1.25.

GRAPE DUST, 5 lbs. \$1.00; 10 lbs. \$2.00.

GRAFTING WAX, ¼ lb. 15c; ½ lb. 25c; 1 lb. 45c.

HELLEBORE, ¼ lb. 20c; ½ lb. 35c; 1 lb. 60c.

LAMBERT'S DEATH-TO-LICE, 30c, 60c and \$1.00.

MELROSENE. Remedy for killing full-grown rose bugs, ½ pt. 50c; 1 pt. \$1.00; 1 qt. \$1.75.

NICO-FUME, liquid, for spraying and vaporizing. ¼ lb. 75c; 1 lb. \$2.25; 4 lbs. \$8.00; 8 lbs. \$15.00.

NICO-FUME Tobacco Paper, for fumigating. 24 sheets \$1.25; 144, \$5.50; 288, \$10.00.

NICOTICIDE, ½ pt. \$1.25; pint \$2.50.

NICOTINE, powder (Hall's), 2 ½-lb. can \$2.50.

PARIS GREEN, ¼ lb. 20c; ½ lb. 30c; lb. 55c.

RAT CORN. For rats and mice. Cans, 25c, 50c and \$1.00.

SCALECIDE, 1 qt. 65c; 1 gal. \$1.50; 5 gal. \$6.00.

SEMESAN, 2 oz. 50c; 8 oz. can \$1.60; 1 lb. can \$2.75; 5 lb. \$13.00.

SLUG SHOT, 1 lb. carton 20c; 5 lbs. 75c.

SULPHO TOBACCO SOAP, 10c and 20c.

STICKY BANDING, 1 lb. 60c; 5 lbs. \$2.75.

TANGLEFOOT, 1 lb. 60c; 5 lbs. \$2.50; 10 lbs. \$3.00.

TOBACCO DUST, 15c lb.

TOBACCO STEMS, lb. 5c; per bale, \$2.50 and \$3.00.

WEED KILLER, qt. 65c; ½ gal. \$1.00; 1 gal. \$1.75.

Angleworm Remedy

One teaspoonful Corrosive Sublimate in 3 gallons of water. Sprinkle on the ground affected by worms, which forces them out and then can be raked up. The best available remedy for ants. ¼ lb. 35c; ½ lb. 50c.

Pyrox—Kills and Cures



Pyrox sticks like paint; kills all leaf-eating insects, and prevents disease on potatoes, fruit trees, shade trees, small fruits and vegetables.

Pyrox (Bordeaux Arsenate of Lead, Paste). A combination of Bordeaux Mixture and Arsenate of Lead, forming thereby a remedy for fungus and leaf-eating insects. Use 1 lb. to from

5 to 10 gals. of water. 1 lb. 50c; 5 lbs. \$1.75; 10 lbs. \$3.00; 25 lbs. \$6.50; 50 lbs. \$11.00; 100 lbs. \$17.00; 300 lbs. \$48.00.

Arsenate of Lead Powder

Arsenate of Lead. Powder. Superior to paste in that it does not deteriorate from standing. Use 1 to 1 ½ lbs. to 50 gals. of water. ½ lb. 25c; 1 lb. 45c; 5 lbs. \$2.00; 10 lbs. \$3.50; 25 lbs. \$8.00.

Arsenate of Lead Paste

For spraying trees and shrubs against leaf chewing insects, fruit flies, and codling moth. Contains 15½ per cent Arsenic Oxide, mixes easily in water without clogging nozzle, sticks like paint. Dilute 1 lb. to 25 gallons. 1 lb. 50c; 5 lbs. \$1.75; 10 lbs. \$3.00; 25 lbs. \$6.50; 50 lbs. \$11.00; 100 lbs. \$17.00.

Lime and Sulphur

Lime Sulphur Solution. The standard remedy for scale and for certain fungus. Use 1 part to 9 parts of water. Is not a poison and kills only by coming directly in contact with the insect. It's in concentrated solution, always ready for Fall, Winter and Spring use. 1 gal. 65c; 5 gal. \$2.50; 10 gal. \$4.50. Barrel lots at special prices.

Dry Lime-Sulphur. Exactly like lime-sulphur. For Fall and Spring sprayings. Use 12 to 15 lbs. to 50 gallons water. Lb. 35c; 5 lbs. \$1.40; 10 lbs. \$2.40; 25 lbs. \$4.75; 50 lbs. \$8.00; 100 lbs. \$15.00.

Fungtrogen

For Black Spot and Mildew
The Invisible Fertilizing Spray
FINE FOR ROSES, ETC.

This highly concentrated fungicide conquers Mildew on Roses and other plants practically over night and controls Black Spot. A new and improved form of the famous Rosenbluth formulae, combined with a nitrogenous element that fertilizes through the foliage. It also stimulates hollyhocks and geraniums; prevents rot and eliminates rust on carnations and the diseases of Delphiniums.

FUNGTROGEN Prices		By P. P.
Half pint.....	\$.75	\$.90
Pint.....	1.25	1.50
Quart.....	2.00	2.35
Half gallon.....	3.50	4.00
Gallon.....	6.00	By Express

SLUG SHOT

It is a light, composite, impalpably fine powder, easily distributed by Dust-



er, Bellows, or in water by spraying. It is thoroughly reliable in killing Currant Worms, Potato Bugs, Cabbage Worms, Lice, Slugs, Sow Bugs, etc., and is also strongly impregnated with fungicides. Lb. 20c; 5 lb. 75c; 12½ lb. \$1.50

PROTEXOL OR CARBOLINIUM

Insecticide and Wood Preserver

1 gallon.....	\$1.75
5 gallons, per gal.....	1.50
10 gallons, per gal.....	1.35
Special Prices for larger quantities	

SEMESAN

The Premier Seed Disinfectant

*Control Diseases, Increase Yields,
Improve Quality*



SEMESAN. This modern disinfectant can be applied in either the liquid or convenient dust form to prevent or control effectively a most diversified variety of diseases and fungus growths borne by seeds, bulbs, corms roots, tubers, plants, grafts and soils. It is the most effective remedy yet developed for the treatment of "Brown Patch," a grass disease which attacks the fine turf of golf courses, parks and estate lawns. Semesan is harmless to seed and plant life but extremely poisonous to disease and parasitic organisms.



PRICES FOR DUPONT SEMESAN			
2 ozs.	\$.50	25 lbs. \$	62.50
8 ozs.	1.60	50 lbs. \$	122.50
1 lb.	2.75	100 lbs. \$	240.00
5 lbs.	13.00	350 lbs. \$	822.50

SEMESAN JR. AND SEMESAN BEL

1 lb.	\$ 1.75	25 lbs.	\$ 37.50
5 lbs.	8.00	100 lbs.	140.00

Free Descriptive Booklets Sent Upon Request

Remedy for Cut Worms on Cabbages and Tomatoes

Soak bran with Paris green and scatter same in the rows. This will destroy this troublesome pest.

To Destroy Ants in Hills, Etc.

Inject bisulphate of carbon in the hills. This will destroy them promptly.

STIM--PLANT

Odorless, Economical Fertilizer in Tablet Form



STIM-U-PLANT is the only complete plant food in tablet form. The three mineral nutrients most heavily drawn from the soil by growing plants (flower and vegetable) are nitrogen, phosphoric acid and potash. Because of this fact, **STIM-U-PLANT** tablets are made up of these three in a balanced ration of 11 per cent Nitrogen, 12 per cent Phosphoric Acid, 15 per cent Potash—all of which elements are water-soluble and immediately available to the feeding root-hairs of the plant.

Small size, 30 tablets, **25c** Med. size, 100 tablets, **75c** Large size (pail), 1000 tablets (enough for season's supply for medium sized garden). **\$3.50**

Keeps Lawns Fresh and Green

SULPHO-TOBACCO SOAP



Quickly exterminates all insect life on plants or flowers in and out of doors. Unsurpassed for rose bushes. For a cheap, effective, clean and harmless Insecticide this is unexcelled. It also acts as a valuable fertilizer reviving plant life. For domestic purposes it rids the house of cockroaches and is a superior wash for dogs and all animals. Prevents poultry lice. You cannot afford to be without this popular and well known Insecticide, if you desire to be successful in plant culture. A trial will give highly gratifying results. **15c and 25c.**

Annia Germ

Kills Weevil in Peas, Beans, Corn and grain. Also worm and moth destroyer. Annia germ prevents moth and weevil getting into any kind of grain in the hottest weather and will save thousands of dollars in value for the users of this simple but infallible remedy.

Bug Death

Contains No Paris Green or Arsenic



This Insecticide has been on the market for over thirty years. It is non-poisonous, which makes it perfectly safe to use on all plants or vines.

Put up in packages as follows:

1-lb. package.	\$.20
3-lb. package.50
5-lb. package.70
12½-lb. package.	1.75
Dickey Bug Death Duster.50
B-D Sifter.75

It Sticks; It Stays;
Kills Bugs, and Pays

FARMOGERM

Legume Inoculation
HUMOGERM
and **NITRAGIN**

SEED INOCULATION

For Alfalfa, Soy Beans, Clovers and other legumes. Sold on bushel basis—not acre size.

¼-bu. size.	\$.40	1 -bu. size.	\$1.00
½-bu. size.60	2½-bu. size.	2.25
Special garden size for Garden Peas, Beans and Sweet Peas.			
			.35

MULFORD CULTURES

For Legumes

PRICES—5-acre size, **\$5.00** (a dollar per acre)

1 -acre size.	\$1.50
¼-acre size.75

Small size (supplied only in four varieties, for Garden Peas, Garden Beans, Lima Beans, Sweet Peas) **\$.40**

AUTO-SPRAY No. 9

Capacity About 3½ Gallons



This is the strongest and simplest compressed air sprayer on the market.

More than 300,000 are in use and it has never failed to please our trade during the years we have sold it.

It is used to spray vines, shrubs, trees, potatoes, also for applying disinfectants and whitewash in buildings.

It is made with galvanized or brass reservoir, as ordered. (We recommend the brass because not affected by strong chemicals.)

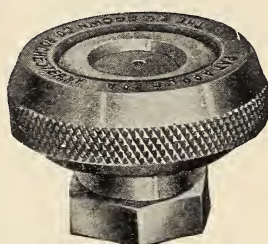
GUARANTEE—We agree to refund purchase price to any dissatisfied customer within ten days.

Net Cash Prices

Auto-Spray No. 9-B, brass tank.....	\$9.50
Auto-Spray No. 9-D, galvanized tank.....	6.50
2-ft. Brass Extension for trees and low down work.....	.50
Brass Elbow to spray under side of leaves.....	.35
Brass Strainer for filling.....	1.20
Duster—Brown No. 2-B, pint.....	1.00
Duster—Brown No. 2-C, quart.....	1.25

NON-CLOG JR. ATOMIC NOZZLE

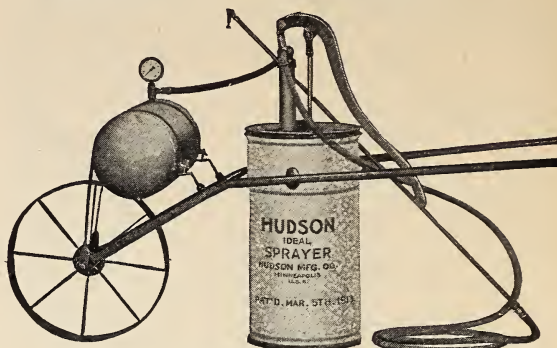
This nozzle is what the name implies, a nozzle that does not and cannot clog. It is made of brass and equipped with four spray discs with different size holes, which permits regulation of the quantity of solution applied. It has the standard ¼-inch thread.



Non-Clog Junior Fig. No. 568-573

Non-Clog Jr., straight or 45° angle.....75c

HUDSON IDEAL SPRAYERS



The Ideal is a high pressure, portable outfit. It is an exceptionally handy outfit for the orchardist or fruit grower. It is also a great favorite around the stock barns, cattle pens, poultry houses, etc., and is a practical outfit for whitewash, cold water paints, and other commercial purposes.

It is equipped with a regular barrel pump which develops and maintains a working pressure of 200 pounds. Tank is heavy gauge copper bearing galvanized sheet, reinforced with channel iron hoops. Capacity, 15 gallons. Discharge equipment consists of 12½ feet of ½-inch spray hose, an 8-foot iron pipe extension, brass leakless shut-off valve and Ideal angle spray nozzle.

No. 33 Ideal—Complete as shown. Shipping weight, 100 pounds. Price each. \$38.50

No. 32 Ideal—Less pressure tank and gauge. Shipping weight, 80 pounds. Price each..... 27.50

Trellises, Urns, Vases, Settees

We offer a fine variety of styles in various sizes suitable for lawns, front yards, cemeteries, parks, etc. These can be furnished to order on short notice, at reasonable prices. For full particulars, write or call and see us.



Special Prices to Fruit Growers on all Insecticides

All Prices Subject to Change Without Notice

GOULDS HAND SPRAYERS

POMONA—FRUITALL—BORDEAUX

All of these pumps are also suitable for handling Whitewash and Cold Water Paint.

The "Pomona"—Figure 1744, Outfit "C", which includes GOULDS Pomona Spray Pump, with Agitator, and (1) 15-foot length of ¾-inch discharge hose, with (1) Fig. 1688 or 1691 Mistry Jr. Nozz.....\$28.00

Figure 1744, Outfit "D", which includes GOULDS Pomona Spray Pump, with Agitator, and (2) 15-foot lengths of ¾-inch discharge hose, with (2) Fig. 1688 or 1691 Mistry Jr. Nozzles..... 33.00

The "Fruitall"—Figure 1188, Outfit "C", which includes GOULDS Fruitall Spray

Pump, with Agitator, and (1) 15-foot length of ¾-inch discharge hose, with (1) Fig. 1688 or 1691 Mistry Nozzle.....\$18.00

Figure 1188, Outfit "D", which includes GOULDS Fruitall Spray Pump, with Agitator, and (2) 15-foot lengths of ¾-inch discharge hose with (2) Fig. 1688 or 1691 Mistry Jr. Nozzles..... 24.00

Extra for Barrel, including mounting any of the above outfits in the end of it..... 7.50

The "Bordeaux"—Figure 1129, "Bordeaux" Hand Sprayer..... 6.00

Clark

"CUTAWAY"

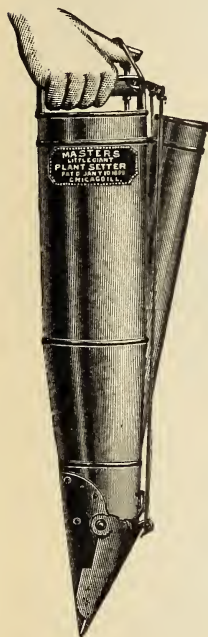
Double Action Disc Harrow

The farmer who realizes the importance of stirring and pulverizing the soil so that the sun and air and moisture can reach every particle is the man to whom the CLARK'S CUTAWAY Double Action—the original double action—means something more than just a disc harrow. No other disc harrow of any make or style even approaches the CLARK'S CUTAWAY Double Action for pulverizing the soil, for saving time, for saving horses, for giving long service. Its superiority for pulverizing the soil and giving long service has seldom been questioned.

Once going over is equal to four times with a Single Disc Harrow. It's a wonder in making a perfect seed bed.

A-4 Double Action Cutaway, 2-horse hitch . . . \$ 70.00
A-5 Double Action Cutaway, 4-horse hitch . . . 80.00
A-6 Double Action Cutaway, 4-horse hitch . . . 90.00
Bush and Bog Plow 100.00

Masters Rapid Plant Setter



A wonderful labor saving tool for transplanting Cabbage, Tobacco, Tomato, Sweet Potato, Cauliflower, Egg-Plant, Strawberry and all similar plants.

This Setter was originally designed to set cabbage plants, but has since been used with great success for many other plants.

Each plant is SET, WATERED and COVERED in one operation. The roots are firmly set by the absorption of the water almost as if they had grown there and every plant will grow even in the hottest, driest weather. You can set your plants just when you are ready regardless of the weather.

A LABOR SAVER

To operate this Setter you walk along in an upright comfortable position. There is no stooping or lame backs. All of the hard labor of setting plants is done away with. It is easy, pleasant work. You can set 8,000 to 15,000 plants per day and do perfect work.

Price \$6.50 each.

Satisfaction Guaranteed
Send for Special Circular

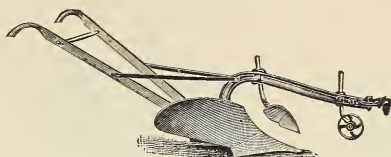
John Deere No. 999 Corn Planter

The Accurate "Natural Drop" Planter

Field tests under varying conditions have proved conclusively that the John Deere No. 999 Planter is accurate. It is equipped with John Deere Natural Cell Fill, edge-delivery seed plates, so shaped that one kernel enters each cell without fail and the desired number is dropped in the hill. Change in drop to 2, 3 or 4 kernels per hill can be made instantly without stopping the team, and drill distances can be varied just as easily. Quick change hilling to drilling and back to hilling. Fertilizer or pea attachment, or both, can be furnished for use and both can be operated at the same time corn is planted. Special plates for a great variety of seeds. Price \$115.00 complete. Less Fertilizer attachment, \$90.00.

Syracuse Chilled Plows

Steel Beam



Syracuse chilled plows are regarded as the highest-grade chilled plows made. They are steady running, easily handled and have superior turning qualities. With the detachable shin piece—a sharp cutting edge easily can be maintained at small cost.

These are the plows with the perfect fitting shares—and extra Syracuse shares always fit.

No. 401 cuts furrow 12 to 15 inches wide, 5 to 8 inches deep. Price \$28.00
No. 402 cuts furrow 11 to 13 inches wide, 5 to 7 inches deep. Price 27.00
No. 403 cuts furrow 9 to 12 inches wide, 4 to 6 inches deep. Price 26.00

Special cash discount on Syracuse Plows.

Munnsville Plows

No. 10 All Steel Plow—"The Big Seller"

This Plow is long on the run with a high moldboard, of a shape that insures easy draft, good cleaning qualities and pleasing appearance. Price \$26.00

No. 1—Wood Beam Chilled Plow, \$25.00.

No. 2½—Wood Beam One-horse Plow, \$16.00.

Dutton Steel and Chilled Plows

The Best Low-Priced Plow on the Market

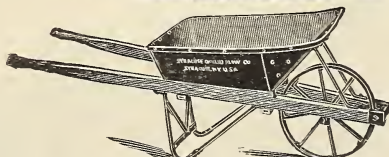
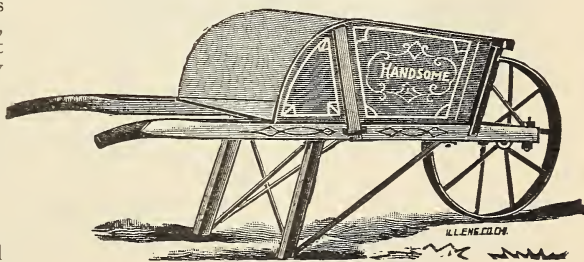
Dutton Iron Beam No. 2 \$23.00
Dutton Steel Beam No. 2 25.00

John Deere Two-Way Sulky Plow

Just the plow you need for work on hillsides as well as on level fields and in stony land. Wide tread prevents tipping. Each bottom is independent of the other, with separate depth adjusting lever and lifting device. Horse lift. Patented automatic foot frame shift makes it easy to regulate width of furrow and plow around curves. Clevis is always ahead of the working bottom. Adjustable jointers, with no hole through the beam to weaken it. Your choice of four types of bottoms. Price, \$100.00.

Garden Barrows

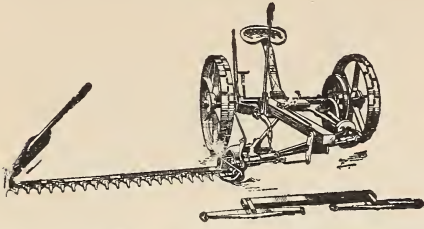
Price \$5.75 and \$8.50



Steel
Tray
Barrow

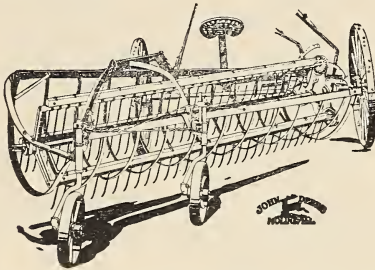
The frame work of this barrow is bolted together and is fitted with a steel tray and patent wood wheel with iron hub, specially adapted for stable work. Deep Steel Tray, No. 75-A \$8.50. We also offer The Common Wood or Paddy Barrow, with iron wheels, \$5.25.

Emerson Vertical Lift Mower



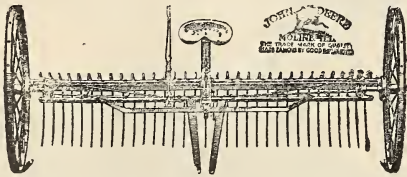
The only successful vertical lift Mower on the market. The main frame is one solid, unyielding piece of iron. This insures perfect meshing of the gears and holds all parts securely in place. The gears are compensated, that is, the side thrust of the bevel wheel is resisted by the pressure on the spur pinion. One counteracts the other, equalizing the wear and strain upon the bearings.

John Deere-Dain System Rake



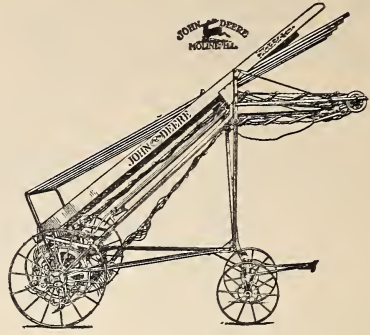
The Rake With the Inclined Frame, Vertical Lift and Convenient Levers

The rake that enables you to make higher price hay by curing it "Nature's Way"—air-curing it. In case of bad weather, windrows can be turned over to prevent damage to the hay. Inclined frame gives additional capacity just where needed; vertical lift—both ends of rake can be adjusted to gather all the way on uneven ground; convenient levers—and adjustments can be made from the seat.



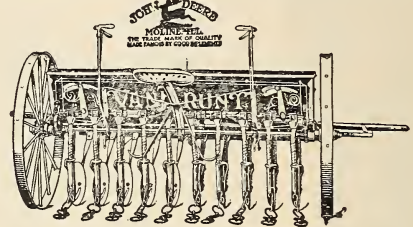
Self Dump Steel Horse Rake, made in 8, 9, 10 and 12 ft., 20 to 40 teeth. Get our prices before buying.

Double Cylinder Hay Loader



The Double Cylinder Hay Loader successfully handles anything from the lightest swath to the heaviest windrow. The rear or gathering cylinder is far enough back of the frame to get all the hay, but still leave the trash. This cylinder moves slowly, thereby handling the hay without damaging the foliage. This feature also makes it valuable in handling beans. Because all parts move slowly the loader is light draft and durable. The wheel-barrow type of mount whereby the load is carried directly over the wheels is an exclusive feature and prevents sagging of the axle. The carrier is prevented from running off the rollers by means of a flange and an adjustable bracket prevents sagging. Long life and ease of operation is assured in using this loader. Furnished in 6 and 8 foot widths. All repair parts supplied promptly.

Single and Double Disc Drill

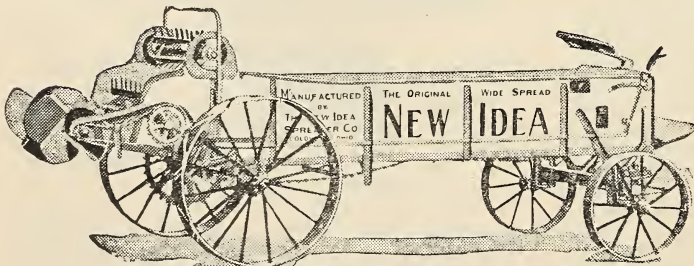


For more than half a century these drills have stood for the best in drill construction and have been the leaders. From the first, all effort has been two-fold—first, to make a perfect seeding machine and second, to construct that machine so as to give long life and constant service. These drills today fulfill this ideal.

Adjustable Force Feed

For uniform and successful planting, the feed on a drill must be a positive and absolute force feed that will plant any seed in even quantities at all times. Ask for our prices before buying.

New Idea Spreader



This Wagon Style of Manure Spreader will go through gates, barn doors, stables, etc. Easy to load. Easy to haul. The best, lowest in price, most durable Manure Spreader on the market.

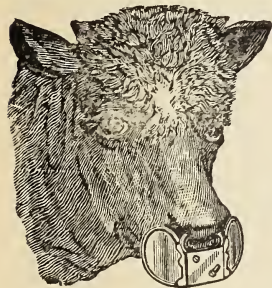
Get our prices before buying.

"Good machinery makes a good farmer better"

MILKMEN AND DAIRY SUPPLIES

MILKING TUBES, each, 35c to \$1.50
(Full directions with each tube.)

The Boston Milking Tube	\$.35
Teat Dilators.....each	.15
Strainer Pails.....	\$1.25 and 1.50
Sanitary Milk Pails.....	\$1.50 to 3.50
Pint Dippers.....	.75
Quart Dippers.....	.90
Strainers.....	\$2.50 to 3.00
Tin Milk Pails.....	1.10
Tin Milk Pails, all sizes.....	.75c to 2.50
Sprinkling Pots, all sizes.....	.35c to 2.50
Excelsior Strainers.....	1.50
Aerators.....	\$10.00, \$12.00, 15.00
Sap Buckets.....	.30
Sap Spouts at.....	.5c each



RICE'S CALF WEANER AND SUCKING COW MUZZLE

For preventing Calves
and Cows sucking them-
selves or each other.

- No. 1—For Calves till 1 year old, 75c, by mail postpaid 80c.
No. 2—From 1 to 2 years old, 80c, by mail postpaid 85c.
No. 3—For full grown animals and self-suckers, 85c, by mail postpaid 90c.

Scales

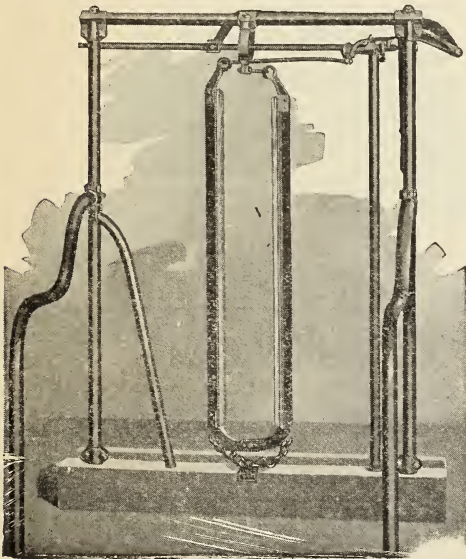
Dairy Scales \$4.00 to \$5.50. Platform Scales \$25.00 to \$50.00.

Milk Caps	Per thousand	\$.60
	5,000 for	2.50

Champion Milk Cooler Aerators

AUTOMATIC, SIMPLE, EFFICIENT, DURABLE

2—18 quarts, 10 to 25 cows, 3 milkers.....	\$ 7.00
3—34 quarts, 25 to 50 cows, 5 milkers.....	8.50
4—52 quarts, 50 to 100 cows, 8 milkers.....	11.00



Barrel Churns

No. 0—4 gallon, will churn 2 gallons.....	\$ 7.00
No. 1—10 gallon, will churn 5 gallons.....	8.00
No. 2—15 gallon, will churn 8 gallons.....	9.00
No. 3—20 gallon, will churn 10 gallons.....	10.00
No. 4—25 gallon, will churn 12 gallons.....	13.00
No. 5—30 gallon, will churn 14 gallons.....	14.00



Dash Churns, Butter Workers, Skimmers, Butter Carriers, Ladles, Richardson's Butter Color, Butter Prints, Floating Glass Thermometers, Dairy Thermometers, Cream Gauges, Babcock Butter Tester.

COWS' RELIEF

We offer this wonderful remedy and recommend it strongly

O. H. Cows' Relief, large, per box.....	\$1.25
O. H. Cows' Relief, small, per box.....	.60
O. H. Cow Tone, large, per box.....	1.25
O. H. Cow Tone, small, per box.....	.60
O. H. Cow Tone, 25-pound box.....	5.00
O. H. Cow Tone, 50-pound box.....	8.50
O. H. Calves' Cordial, per box.....	.60
Sheep Dip	\$1.00 and \$2.00

Louse Chase Scab Chase Lice Powder
Pratt's Dr. Hess's

Animal Regulator	Healing Powder
Poultry Regulator	Worm Powder
Louse Killer	Heave Powder
Hog Tonic	Dip and Disinfectant
Cow Tonic	Poultry Pan-a-ce-a
Healing Ointment	Louse Killer
Colic Cure	Stock Tonic
Heave Remedy	
Worm Remedy	

United States Cream Separators

No. 29, guaranteed capacity 300 lbs.....	\$70.00
No. 28, guaranteed capacity 350 lbs.....	80.00
No. 27, guaranteed capacity 500 lbs.....	90.00
No. 25, guaranteed capacity 750 lbs.....	110.00
No. 24, guaranteed capacity 1000 lbs.....	120.00
No. 22, guaranteed capacity 1350 lbs.....	200.00

"NEW MODERN" WATERING BASIN

All dairymen say that cows supplied with fresh water give 5 to 10 per cent more milk. Therefore our watering device is a profitable investment. Made of cast iron with round corners and smoothed bottom. Galvanized iron cover. Thoroughly coated. Our "New Modern" Swing Stanchion, with our watering device is the most up-to-date outfit on the market.



WEST BEND AUTOMATIC STALLS STANCHIONS

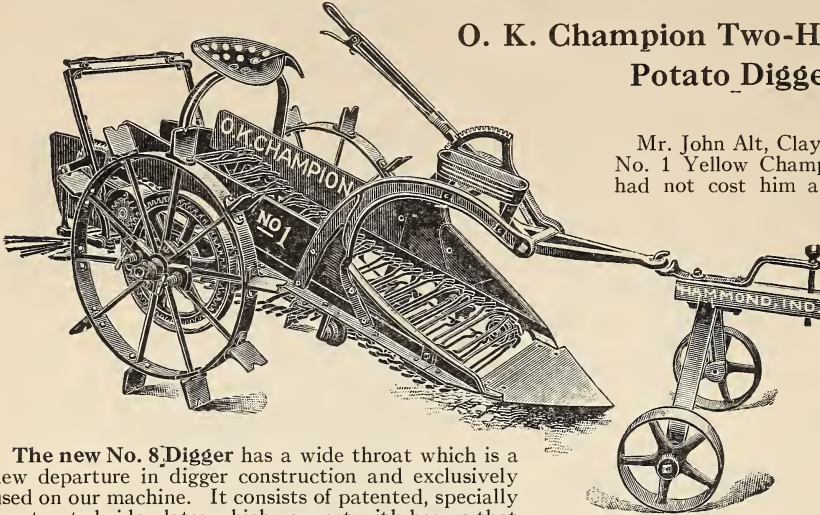
New Modern West Bend Line

Automatic Swinging Stanchions, Individually Operated Stanchions, Automatic Litter Carriers and Feed Carriers, Ventilators, Automatic and Gravity Water Buckets, Steel Posts, Horse, Cattle and Hog Barn Equipment.

Ask for Big Catalog

OUR EXPERT WILL CALL AND MAKE PLANS AND DIAGRAMS
OF YOUR STABLE FIXTURES WITHOUT COST

O. K. Champion Two-Horse Elevator Potato Digger



The new No. 8 Digger has a wide throat which is a new departure in digger construction and exclusively used on our machine. It consists of patented, specially constructed side plates which connect with beams that taper downward toward the front, curving outward along the upper edges and along the top flare. This makes the throat opening wider than the body of the machine, allowing the dirt to spread and lose itself more freely when first entering. It also forces the vines and weeds to slide up more easily and overcome the serious trouble of clogging. The inward extending base to which the shovel is bolted makes the opening absolutely rigid and strong. We have sold nearly 600 of these wonderful Diggers in this vicinity. Price **\$95.00**

Mr. John Alt, Clay, N. Y., R. F. D., bought a No. 1 Yellow Champion Digger in 1908 and it had not cost him a cent for repairs up to the present time. He had used it part of the time with a tractor.

Mr. Roy Woods, Marcellus, N. Y., R. F. D., said he bought one of our No. 1 Yellow Champion Diggers in 1908 and the total cost of operating same from that time on was only \$10.00.

Dear Sir:—I bought one of your No. 1 Champions about eight years ago and I have used it ever since.

Have dug from 25 to 40 acres of potatoes every year. Also, have dug potatoes in the afternoon when it rained in the forenoon, and when the water was standing in the rows, something that no other digger is capable of doing. While my neighbors' diggers were all at standstill, my digger was doing fine work.

The expense for repairs in those eight years has amounted to less than \$5.00.

Very truly,
RICHARD J. LONG

Acme Pulverizing Harrow and Cultivator

Standard 2-Row Riding Harrow

Lightest Riding Harrow sold anywhere.

Low in price, light in draft, most easily handled.

Cuts, crushes, turns, smooths and levels, all in one operation.

For Two Horses, cuts 6 ft. 6 in. **\$30.00**

For Two Horses, cuts 8 ft. 6 in. **\$38.00**

LAND ROLLERS

Steel Roller, 24-inch, two sections. **\$48.00**

24-inch, two sections, steel. **48.00**

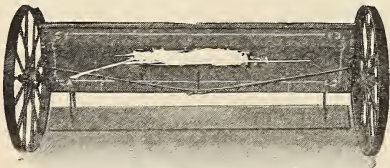
Wood Stave Roller, two section. **48.00**

The Improved Three-Row Corn Marker

This cut shows our Steel Wing Marker. It is adjustable to mark any width row and any depth desired.

Three-Row Marker for two horses, **\$18.00**

Salt, Lime and Fertilizer Broadcasters



These Broadcasters will sow Lime, Salt, Plaster and Ashes; they also handle perfectly all kinds of fertilizers and other soil beneficiaries. All soil can be made more productive either by the application of some form of Lime to neutralize the free acid therein, or by the application of some other alkaline or in some cases an acid element to complete the neutral condition.

Quantity can be changed instantly by one lever in center of hopper. Price **\$40.00 to \$45.00**.

MERIDIAN HAY RACKS

Manufactured of selected lumber and well bolted.

Price 16-foot, **\$23.00**; 14-foot **\$21.50**.

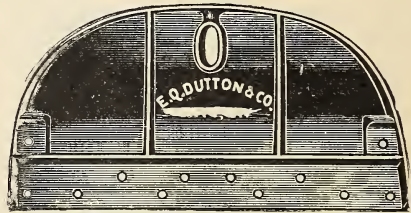
OUR IMPROVED SLIP CASTINGS

Set of Shoes **\$4.50**

IRON HOG TROUGHS

Made in four sizes, 3, 4, 5 and 6 feet, 8 inches deep, 12 inches wide. Price **\$1.50** per foot.

STEEL OR IRON STONE BOAT HEADS



A Simple, Complete and Inexpensive device whereby a Stone Boat can be made in a few minutes by using straight plank. One head will last for years.

Price **\$5.50** each.

BANNER ROOT CUTTER

Hand and Power

Has a capacity of 30 to 100 bushels per hour. One bushel per minute has been cut as a test, many times.

No. 7—For Poultry. **\$ 7.00**

No. 20—Hand Power. **14.00**

No. 30—Pulley and crank. **29.00**

Hog Rings, Hog Ringer, Hog Tong

Hog Rings **35 cents** Per Box Hog Ringer **35 cents**
Hog Tong **50 cents**

ROSS SILO FILLERS



Knife on Flywheel Type

Size	Power Required	Prices Mounted On Legs
No. 30—	4 to 6 H.P. Gasoline...	\$175.00 \$150.00
No. 40—	8 to 10 H.P. Gasoline...	250.00 215.00
No. 50—	10 to 12 H.P. Gasoline...	260.00 235.00
No. 60—	15 to 18 H.P. Gasoline...	285.00 260.00

ABOVE PRICES ARE FOR COMPLETE ENSILAGE CUTTERS
Suitable Credit Terms given on Ensilage Cutters
Special discount for cash

Ney Reversible Hay Carriers

For Either Steel or Wood Track

LIGHT AND DURABLE, RUNS EITHER WAY ON THE TRACK WITHOUT CHANGING

Thousands of Ney's No. 5 Carriers have been in continuous service for 35 years or more and are still doing their work perfectly. After 35 years of service the above carrier is greatly in demand by the trade.

Price

Ney Hay Car, steel or wood track.....	\$ 9.00
No. 270 Car, open throat.....	11.00
Double Harpoon Forks.....	2.50
Double Harpoon Alfalfa Fork.....	5.00
Grapple Forks, 4 tine.....	10.00
Steel Track, per foot.....	.24
Pulleys in Wood and Iron, each.....	50c to 1.75
Track Eyes, dozen.....	2.25
Brackets, dozen.....	.90
Floor Hooks, each.....	.20
Tedder Teeth, each.....	.40
Horse Rake Teeth.....	.40

Rope, best Manila, at lowest prices.

All Steel Hay Tedder.....	\$60.00 and 70.00
Wood Hay Tedders.....	40.00
Steel Horse Rake.....	\$40.00 to 50.00

We carry Haying Tools of all kinds
Also Teeth for all Rakes and Tedders

Here's the handiest tool a farmer ever can own. Stop and think. It drives, pulls, makes and saves staples. It's a wrench and pincer, nail puller and hammer. It cuts, splices, straightens and tightens wire. It removes trellises.

Saves time and wages; saves cutting hand; saves your temper, and it saves chasing cattle. You need one. Write now. It's only \$1.75.

A COMBINATION TOOL

7—TOOLS IN ONE—7 Price \$1.75



NEEDED BY 6,000,000 FARMERS
It takes the Place of Button Pliers

Farmer's Favorite Cookers

The Farmers' Favorite is used for a great variety of purposes, such as cooking grain and vegetables for stock and poultry. Heating water for scalding hogs and poultry. Boiling spraying mixture. Heating water on wash day. Heating water for washing dairy utensils. Rendering lard and tallow. Heating drinking water for stock. Syruping down. Boiling cider. Cooking fruit. Sugaring off. Boiling sap.



Size boiler	Size Fire Box	Price
No. 2— 30 gal. 22x24x13 1/2	.. 24 inches.....	\$17.00
No. 3— 40 gal. 22x30x14	.. 30 inches.....	19.00
No. 4— 50 gal. 22x26x15	.. 36 inches.....	21.00
No. 5— 75 gal. 22x48x17	.. 48 inches.....	25.00
No. 6—100 gal. 22x60x17	.. 48 inches.....	26.00

Mastica for Glazing Greenhouses, Sashes

Elastic, adhesive and easily applied. It is not affected by dampness, heat or cold.

Every green house man has difficulty in using putty for glazing. "Mastica," when applied, in a few hours forms a skin or film on the entire mass, hermetically sealing the substance, and preventing the evaporation of the liquids, and remains in a soft, pliable and elastic condition for years.

The use of "Mastica" avoids the necessity of repeatedly reglazing the houses, saving much time and expense.

Broken glass can be easily removed and replaced by new without the breakage of other glass. One gallon will cover about 290 running feet (one side.)

Price of Mastica, 1/4 gal. 75c; 1/2 gal \$1.45; gal. \$2.75



Mastica
Glazing
Machine
Price
\$3.50

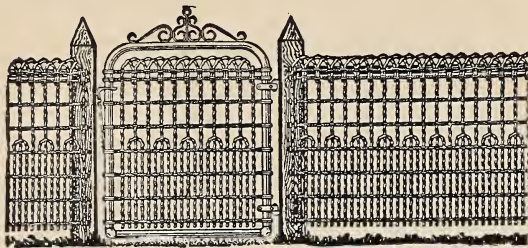
GRINDSTONES

Sterling Grindstone.....	\$11.00
Sampson No. 1 Grindstone.....	9.50
Sampson No. 2 Grindstone.....	9.00
Sampson No. 3 Grindstone.....	8.75

SICKLE GRINDERS

Sickle Grinder.....	\$6.50
With foot power.....	8.50

The great time and labor saver. Saves horse power and lengthens the life of machinery.



ORNAMENTAL
LAWN FENCE GATES, TRELLIS
FLOWER GUARDS

Style 600 Fabric

Specifications

Upright or picket wires are No. 9 heavily galvanized, spaced 3 inches apart at top, with an additional No. 9 galvanized picket interwoven so as to give an extra close spacing of 1 3⁄8-inch at the bottom.

Cable line wires are No. 12, spaced 6 inches apart except the two top cables, which are spaced 2 3⁄4 inches apart.																	
Height of Fabric.....	24"	30"	36"	42"	48"	54"	60"	66"	72"	78"	84"						
Number of cables.....	5	6	7	8	9	10	11	12	13	14	15						
List price per lineal foot.....	18c	20c	22c	24c	28c	31c	36c	40c	44c	54c	63c						

The extra pickets at bottom of fabric engage the lower cables as follows: 24" and 30" three lower cables; 36" and 42" four cables; 48" and 54" five cables; 60" and 66" six cables; 72" and 78" seven cables; 84" eight cables. Put up in 20, 25 and 30-rod rolls.

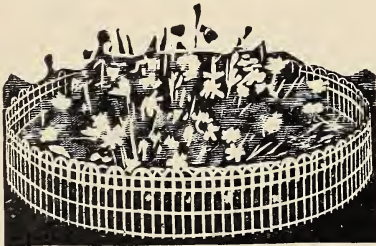
STYLE No. 150—FLOWER BED BORDER

Designed for the protection of flowers. Uprights made of No. 9 heavily galvanized wire. Illustration shows Norwood 22-inch border.

List Price Per Lineal Foot

16-inch.....	\$.10
22-inch.....	.12
28-inch.....	.14

Put up in 165, 250 and 330 foot rolls.



NORWOOD TRELLIS

The two designs of Trellis herein illustrated are made of large, heavily galvanized wire.

Norwood Trellis is but a trifle higher in price than poultry netting, is more ornamental and will last for years.

List Price Per Lineal Foot

No. 107, 18-inches wide.....	\$.07
No. 107, 24 inches wide.....	.09
No. 107, 30 inches wide.....	.11

GIVE US A CALL AND BE
A SATISFIED CUSTOMER



“AMERICAN” STOCK AND CATTLE FENCING, POSTS AND GATES

DISTANCE BETWEEN BARS—INCHES		21 BARS 58 INCHES HIGH			
5		20	BARS	53	INCHES HIGH
5		19	BARS	48	INCHES HIGH
4 1⁄2		18	BARS	43	INCHES HIGH
4 1⁄2					
4		16	BARS	35	INCHES HIGH
4					
3 1⁄2					
3 1⁄2		13	BARS	24	INCHES HIGH
3					
2 1⁄2					
2 1⁄2					
2					
2					
2					
2					
1 1⁄2					
1 1⁄2					
1 1⁄2					
1 1⁄2					

AM. S. & W. CO.

Retail Price List

FENCING	Per Rod
635 Style A—12-inch.....	\$.42
726 Style A— 6-inch.....	.58
832 Style A— 6-inch.....	.65
845 Style A—12-inch.....	.55
949 Style A—12-inch.....	.60
845 Style D—12-inch.....	.76
949 Style D—12-inch.....	.84
1047 Style A— 6-inch.....	.85
1155 Style D—12-inch.....	.97
1948 Style F— 6-inch.....	.70
2158 Style F— 6-inch.....	.80
1635 Style F— 6-inch.....	.60
LINE POSTS, 5 feet.....	.55
LINE POSTS, 6 feet.....	.60
LINE POSTS, 6 1⁄2 ft. post.....	.65
LINE POSTS, 7 feet.....	.75
LINE POSTS, 8 feet.....	.90
LINE POSTS, 9 feet.....	1.20
CORNER POSTS, 8 feet.....	5.75
END POSTS, 8 feet.....	4.25
12-ft. American Gates, 50-inch, plain top.....	9.85
14-ft. American Gates, 50-inch.....	11.25
3-ft. American Walk Gates, 42-inch, plain top.....	3.75
4-ft. American Gates, 42-inch, plain top.....	4.25
Lott Fence Stretcher.....	9.00

CAN'T-SAG FARM GATE

PRICE—12 ft. \$8.00; 14 ft. Gate, \$8.50; steel metal parts for “Can’t Sag Gate,” \$4.00

BUCKEYE INCUBATORS

Make Bigger Poultry Profits!



Buckeye "Standard" No. 5
Capacity 600 Eggs

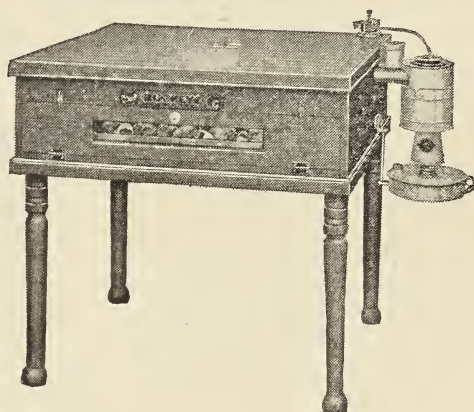
Illustrated at the left is the No. 5 Buckeye "Standard" which has a capacity of 600 eggs. It has **one** compartment, **one** circulating tank, **one** boiler, **one** lamp (either oil or gas), **one** boiler and **one** thermostatic regulator. This remarkable **simplicity** of design and construction makes it possible to control the temperature accurately throughout the whole chamber and to supply all the eggs with an abundance of fresh air and at the same time secure all the natural moisture. There are four egg trays accessible through individual doors on the front and back sides of the incubator. It is just as convenient to handle as the smallest Buckeye Incubator, requires no more attention, and yet has a remarkably large capacity.

Buckeye "Style E" Incubators Are Guaranteed Hatchers

Buckeye "Style E" Incubators meet the popular demand for a **low-priced** incubator that is **reliable, efficient and dependable**. They are a little more simply constructed than the Buckeye "Standard" line, and they sell for somewhat less. Yet they contain **every essential feature of Buckeye design**. Nothing is sacrificed that will in the slightest impair their ability to hatch the maximum number of strong, sturdy, lively chicks. They employ the same system of circulating hot water, which assures evenly distributed heat without the loss of any of the natural moisture so essential to proper incubation. Ventilation is automatic, insuring a constant supply of fresh, moist, oxygen-bearing air to every egg throughout every minute of the incubating period. The lamp is extremely economical, smokeless and absolutely fool-proof. The thermostatic regulator is the same as used in the

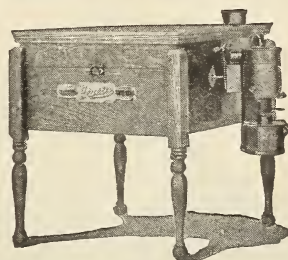
"Standard" line—the famous Buckeye regulator that is guaranteed to maintain uniform temperature at all times. The Buckeye "Style E" is the ideal incubator for small flocks. It handles small hatches with the same certainty and efficiency as Buckeye "Standard" Incubators. It is low in price—yet it is a real money-making incubator.

Note especially that Buckeye "Style E" Incubators carry the same unlimited guarantee as the "Standard" line. They are guaranteed to hatch every hatchable egg and to do it every time.



Above: Buckeye "Style E" No. 17

Below: Buckeye "Style E" No. 14



Buckeye Universal Thermometer

For scientific incubation the thermometer bulb must be exactly $1\frac{3}{4}$ in. above the bottom of the egg tray. With many incubator thermometers this is not always the case, as the thermometer is either improperly installed or is so adjusted that its position cannot be easily fixed. With the Buckeye Universal Thermometer the bulb is **always** in the correct position—it **can't** be anywhere else. The Buckeye can be used in any incubator. Price \$1.00.

Capacities, Weights and Prices

"Standard"

No. 1...	120 eggs...	110 lbs...	\$37.50
No. 2...	175 eggs...	135 lbs...	44.50
No. 3...	250 eggs...	200 lbs...	57.75
No. 4...	350 eggs...	230 lbs...	68.00

No. 5... 600 eggs... 325 lbs... \$107.00

"Style E"

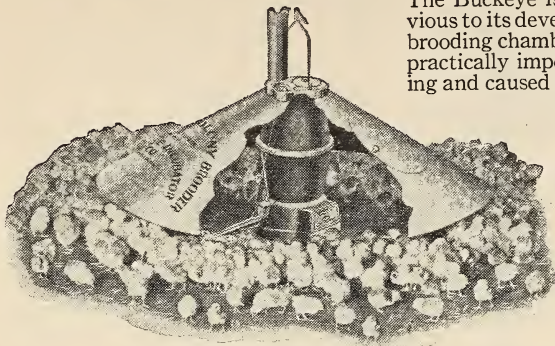
No. 14...	65 eggs...	55 lbs...	\$16.50
No. 16...	120 eggs...	65 lbs...	27.50
No. 17...	210 eggs...	125 lbs...	36.75

Write for the Big Buckeye Catalog

Secure eggs in winter—how to market for bigger profits. It is the most valuable poultry book published. Tells how to feed, brood and cull—how to pick best layers—how to

BUCKEYE BROODERS

Make Bigger Poultry Profits!

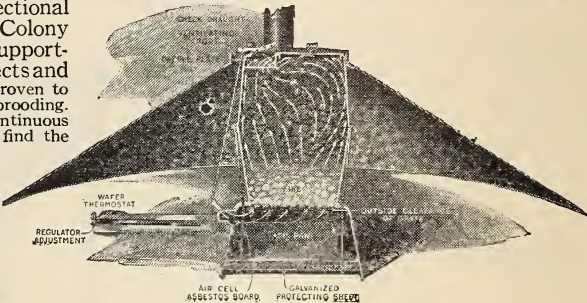


The Buckeye is the original "Colony" Brooder. Previous to its development brooders were built with closed brooding chambers which made temperature regulation practically impossible, resulted in overheating or chilling and caused untold losses due to the development of bowel and lung troubles in young chicks. Raising 50% of the hatch was considered a good result. The Buckeye "Colony" Brooder absolutely eliminates these troubles. It radiates heat from above, allows each chick to select the temperature it finds most comfortable, prevents crowding or chilling and gives the chicks an ample supply of pure, fresh air at all times. It keeps the chicks warm, lively and contented in any weather, prevents sickness, insures rapid growth—raises every rais-

able chick into a big, strong, money-making bird.

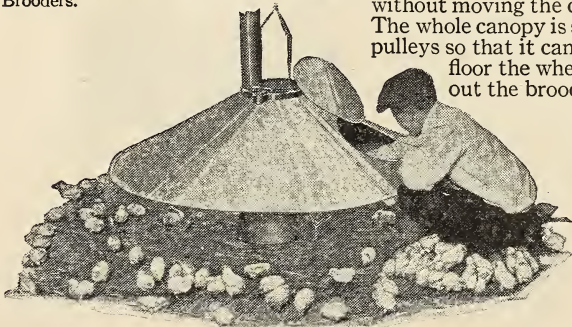
Buckeye "Colony" Brooders Raise Every Raisable Chick

The illustration at the right shows a sectional view of the Buckeye Coal-Burning Colony Brooder. It consists of a coal stove supporting a metal canopy. This canopy reflects and radiates the heat downward, which has proven to be the method necessary for scientific brooding. The canopy is open on all sides, allowing continuous ventilation and permitting each chick to find the temperature in which it is most comfortable. The vital feature of the Buckeye Colony Brooder is the automatic regulator which absolutely assures a continuous fire, without the slightest danger of overheating or going out. Regardless of weather conditions the Buckeye maintains the ideal temperature for brooding at all times. The accurate thermostat regulates the draft and damper of the stove in such a way that the fire burns evenly and steadily, heating all sides of the stove to the same degree and radiating an even heat throughout the space under the canopy. It is this highly accurate and positive control which prevents crowding and chilling among the chicks, and consequently assures not only the raising of the highest possible number, but the normal raising of every individual chick. If you have had experience with other brooders you will be amazed at the way your chicks will thrive and grow when you put them in Buckeye Brooders.



Easy to Operate—
Requires Very Little Attention

The Buckeye is easiest of all coal-burning brooders to operate. On account of its steady, even burning it requires fuel and cleaning only twice a day. The fuel is put in at the top of the stove, as illustrated below, without changing the adjustment of the canopy in any way. A movable, circular section in the canopy permits the shaking of the grates without moving the canopy itself, as illustrated at the left. The whole canopy is supported by a cord and pulleys so that it can be easily raised clear of floor the when it is desired to sweep out the brooder pen itself.



Left shows easy method of raking stove and removing ashes. Right shows easy method of coaling.



Capacities, Weights and Prices

No. 18.....	500 chicks.....	75 lbs.....	\$21.50
No. 19.....	1000 chicks.....	95 lbs.....	26.50
No. 25.....	1200 chicks.....	109 lbs.....	30.00

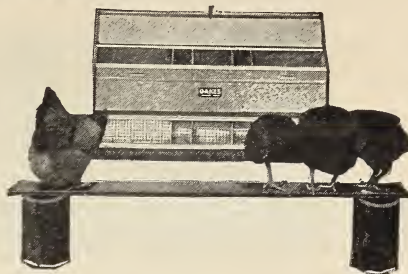
Write for the Big Buckeye Catalog It is the most valuable poultry book published. Tells how to feed, brood and cull—how to pick best layers—how to secure eggs in winter—how to market for bigger profits. For Buckeye parts write for Buckeye Parts Price Book.

Poultry Supplies

We Sell
Ful-O-Pep and Pratt's
Poultry Feeds

Scratch Grains
Laying Mash
Growing Mash
Chick Feeds
Starting Feeds
Alfalfa Meal
Beef Scraps
Bone Meal
Buttermilk Semi-solid
Charcoal
Grit
Oyster Shell
Shavings, baled
Straw, baled
Bone Cutters

Brooders
Boxes, Grit and Shell
Corn Shellers
Candle, Sulphur for Fumigating
Drinking Founts
Egg Cartons
Eggs, Porcelain Nest
Eggs, Medicated
Food Hoppers
Incubators
Leg Bands
Roofing Paper
Spray Pumps
Thermometers

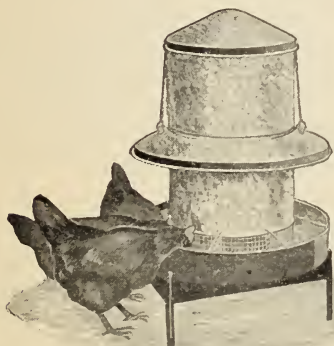


We Carry a full line of
Pratt's, Conkey's and Lee's
Remedies
as listed below

Roup Remedy, 25c, 50c and \$1.00.
Cholera Remedy, 25c and 50c.
Gape Remedy, 30c.
White Diarrhoea Remedy, 25c, 50c and \$1.00.
Canker and Bronchitis Remedy, 50c.
Head Lice Ointment, 25c and 50c.
Condition Tablets, 35c.
Bronchitis Remedy, 25c and 50c.
Scaly Leg Remedy, 35c.
Worm Remedy, 25c and 50c.
Poultry Tonic, 25c, 50c and \$1.10.
Lice Powder, 25c and 50c.
Poultry Disinfectant, 55c, 95c and \$1.60.
Red Mite Spray, 55c.
RAT-NIP. Kills rodents, odorless. 35c.

B-K GERM KILLER DISINFECTANT

Germ Killer. Deodorant. Sterilizer for drinking water. Kills germs of Roup, White Diarrhoea and other diseases. Absolutely non-poisonous and safe. Recommended by college officials. Prices, 40c, 75c and \$1.25.



SEMI-SOLID BUTTERMILK

Semi-Solid Buttermilk is pure, pasteurized buttermilk with nothing added, but with enough water evaporated so as to produce a smooth paste of the consistency of lard. Taking away the water content saves freight expense and bulky handling, and in this condensed form it retains all its original feeding value including the much desired vitamins, plus the added value of being always obtainable in any quantity desired. It will keep.

Makes more and better Eggs.

Makes healthy, robust hens.

Make strong, healthy chicks, which make fine egg producers.

Calves, pigs and hogs thrive on it.

A wonderful egg, flesh and money maker.

Read the true story of Semi-Solid Buttermilk. Ask for a free copy.

Straight Buttermilk with Cod Liver Oil

	Straight Buttermilk	With Cod Liver Oil
Full Bbls., averaging 460 lbs. at	\$5.25	per 100 lb. \$6.00
½ Bbls., averaging 260 lbs. at	6.00	per 100 lb. 6.75
Kegs, averaging 140 lbs. at	7.00	per 100 lb. 7.75
Drum 50 lb. at	4.25	5.00
Pkg., 8 lb. at	.90	1.00



Fed on Semi-Solid Buttermilk
"Watch 'em grow"

PIGEON AND DOVE SUPPLIES

Canada Peas
Choice Wheat
Kaffir Corn

Yellow Corn
Millet
Hemp

sition of high quality grains and is sold at a lower price. It is an ideal feed for the breeder using quantities and who wishes to economize. Price per 100 lbs., \$3.25.

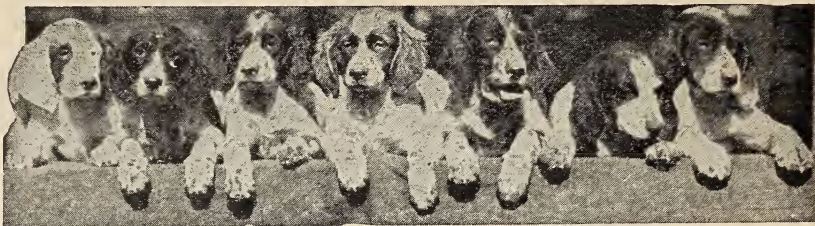
ATTENTION

We have Foust's Salt Grit, also the NU-LIFE line of remedies. Let us supply you with nesting bowls, water fountains and grit hoppers.

Our Pigeon Mixture No. 1 is one of the finest obtainable. Only the very choicest and cleanest ingredients are used. Ideal for either exhibition or squab breeders. Price per 100 lbs., \$3.95.

Our Pigeon Mixture No. 2 is an excellent compo-

Perfection Foods—Old Trusty—Kennel Food



Perfection contains cooked meat, cereals and bone in correct proportions. A chemical analysis shows it to contain the necessary amount of protein, fats and carbohydrates to be a well-balanced ration and to be readily digested by any dog. It is non-tiring, easily digested, health-giving, muscle-building, economical.

WILL KEEP INDEFINITELY

In placing your order for Perfection Dog Food do not hesitate to order in sufficient quantities to obtain the full advantage of reduced prices. There is no chance of this food spoiling due to storing for any length of time.

HOW TO FEED

Perfection is preferred by most dogs dry. Other dogs like it moistened by the addition of water or milk. It can also be mixed with various table leavings of a liquid or soft character, such as gravy, soups, etc.

Price—100 lbs. \$7.00	50 lbs. \$3.50
25 lbs. \$2.00	Lb. \$.09

PURE CEDAR BEDDING

For Use with Dogs and Pets—A Preventative of Disease and Vermin

Cedar Bedding has been in use among dealers and breeders of dogs and pet stock for years. It is a wholesome, clean and agreeable preventative of disease. Its use is an insurance against all vermin and pests, and animals housed with it are invariably found to thrive. Hay, straw or other natural bedding will harbor or breed injurious insects and furnish a place for disease germs, foul conditions and offensive odors. Cedar is naturally impervious to all disease and proof against infection and will keep kennels clean and sweet. Price, per 25-pound bale, \$2.25. 50 lbs. \$3.85; 100 lbs. \$6.75

The Kennel Food Supply Company's Products
Perfect Condition Canned Meat for Dogs
Each Can Contains 100% Pure Boiled Meat at a cost of 5c per lb. when purchased in cases

This food is made of clean, lean meat, chopped fine and steamed. The juices and the meat are mixed together, put in the cans hot, then sealed, and processed at 230 degrees of heat, or practically the same method as used in canning prepared meats for table use.

The quart cans contain the value of six pounds of raw, lean meat. It is ready for feeding, doing away with the cost of cooking and labor.

TO FEED

Add a little water and mix with our Plain Broken Biscuits—one part meat with five parts of biscuits. Some dogs require more meat than others. Brood bitches and hard working dogs require more meat than dogs about the house or kennel.

CERO-MEATO

Cero-Meato is one of the best and most economical dog foods; clean and wholesome, made of cereals and meat with proper amount of bone. Each baked separately, then broken into pieces about the size of beans, and mixed together to make a balanced ration for all breeds of dogs.

Feed Cero-Meato moistened or dry. It can also be fed to puppies as soon as they are ready to eat solids.

PRICES ON THE KENNEL FOOD

1 case, 24 quarts, Perfect Cond. Meat.....	\$7.50
3 cans, quart size, Perfect Cond. Meat.....	1.00
Single quarts.....	.35

CERO-MEATO

100 lbs.....	\$8.00
50 lbs.....	4.25
25 lbs.....	2.25
1 lb.....	.12

PLAIN BROKEN BISCUITS

100 lbs.....	\$7.50
50 lbs.....	4.00
25 lbs.....	2.25
1 lb.....	.10

“OLD TRUSTY DOG FOOD”



Manufactured by a Company composed almost entirely of practical dog men, and used by many of the leading kennels throughout the country.

Ask Bobby Law, one of the country's leading dog handlers and present kennel manager for Mrs. Proctor Welch's kennel,

what he finds to condition and maintain his dogs and he will say "Old Trusty Always".

A trial will convince you of the cleanliness and high food value of these products.

	100 lbs.	50 lbs.	25 lbs.	1 lb.
All Terrier.....	\$10.00	\$5.25	\$2.75	14c
Tid Bits.....	11.00	5.75	3.00	15c
Top Notch.....	10.00	5.25	2.75	14c

Ask for free booklet on "His Majesty, The Dog"

Spratt's Dog Foods

His Health and Happiness Demand the Best Foods You Can Buy



Your dog gives to you all that it is in his power to give; he asks for nothing in return. It is for you to stand by your dog where feeding is concerned. Good isn't good enough when you can get Spratt's.

Start today with Spratt's "Meat-Fibrine" Dog Cakes or Puppy Biscuits as his staple food. They will make him fit and keep him fit—and happiness in a dog depends on health.

We carry in stock and recommend the following:

Spratt's Dog Cakes.....	\$12.00	\$6.25	\$3.25	15c
Spratt's Charcoal Ovals.....	14.00	7.25	3.75	16c
Spratt's Fibo (a granulated dog food).....	14.00	7.25	3.75	17c
Spratt's Ovals (a handy pocket biscuit).....	14.00	7.25	3.75	16c
Spratt's Bulldog and Terrier Meal.....	13.00	6.75	3.50	16c
Spratt's Rodnim.....	13.00	6.75	3.50	16c
Spratt's Cod Liver Oil Cakes.....	12.00	6.25	3.25	16c

Spratt's Dog Foods provide a correctly balanced, nourishing diet, suitable for every age, size and breed.

SPRATT'S BISCUITS have been the standard dog food throughout the world for over seventy years.

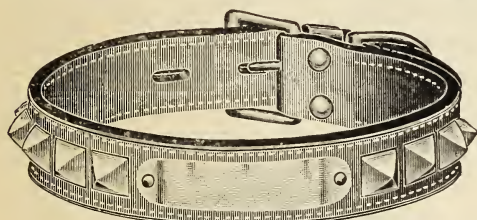
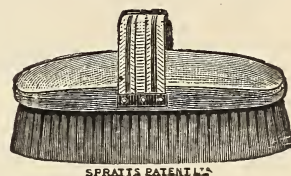
Dogs fed on Spratt's can be kept in the pink of condition year in and year out because this food contains only the most nourishing ingredients combined together in such a way as to form a perfectly balanced ration.



In Our Cat and Dog Department Can Be Found

Collars
Harnesses
Whips
Leads
Combs
Brushes
Whistles
Carrying Cases

Chains
Muzzles
Sweaters
Blankets
Sleeping Baskets
Rubber Bones
Feeding Dishes
Flea Combs



No. 506

Collar No. 506, No. 511 or No. 515 can be had in the following sizes and colors: 12-inch, 14-inch, 16-inch, in red russet and black. Price, \$1.00.

14-inch, 16-inch, 18-inch, in red russet and black. A little heavier and stronger collar than the first mentioned. Price, \$1.25.

17-inch, 19-inch, 21-inch, in russet and black. For collies and small police. Price, \$1.50.

19-inch, 21-inch, 23-inch, in russet and black. For large police dogs, etc. Price, \$1.75.

List of Books for Sale on Subject of Pets. Prices Postpaid

Canary Breeding and Training. By Chas. Page. Price 40c.

Feathered Pets. By Chas. Page. Price 40c.

Amateur Dog Book. Training, Care and Treatment. 75c.

Common Sense of Dog Doctoring. 75c.

The Police Dog. David Brockwall. \$1.75.

Dogs of All Nations. W. E. Mason. \$1.25.

The Aquaria. Chas. Page. 25c.

Parrots and Other Talk Birds. 40c.

Cat Culture. 25c. The Cavy. 30c.

All About Dogs. By Henri Vibert, one of the world's canine specialists. \$1.00.

Watch for Our Very Interesting Window Displays of Live Birds, Puppies, Kittens and Rabbits.

A Plaything for Your Dog. Take home a rubber bone or rubber ball for him to play with. It will help him to exercise. Rubber bones 50c, balls 40c.



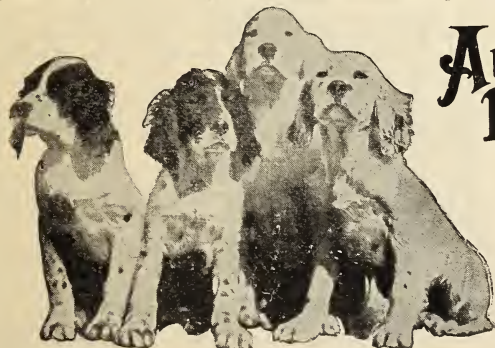
Austin's DOG BREAD

Your Dog Needs

just the things that are contained in Austin's Dog Bread. Its good flour, cereals, and clean, sweet meat are bought especially for it.

Ebeling's recommend the Austin Dog Products, knowing the high quality of their ingredients. We carry these foods in cartons.

Austin Dog Bread & Animal Food Co.



DOG FOOD

Dinner Bell Dog Food

A Healthful Ration of Perfect Proportion for Dogs and Puppies

Dinner Bell Dog Food is a combination of only the best quality ingredients, including Lean Meat, Washed Whole Wheat, Cod Liver Oil and fine Ground Bone Meal. This mixture absolutely eliminates the necessity for feeding meat.

Can be fed dry, moistened or mixed with vegetables and table scraps.

Let your dog decide. Try him on Dinner Bell and he'll never let you feed anything else.

PRICES

\$9.50 for 100 lbs.

\$5.00 for 50 lbs.

\$3.00 for 25 lbs.

15c per lb.

Ken-l-ration—Hemo-ration Pup-e-ration

Balanced Food for Dogs

KEN-L-RATION is a complete food, requiring no preparation whatever. It is a "balanced" food. You cannot improve it by adding thereto. Open a can and

serve on clean paper or dish. It is rich in meat, cereal, ground bone and cod liver oil. It is not a "fattening" food, but will keep your dog in perfect health and condition if fed regularly. KEN-L-RATION is now so well known as to make a further description quite needless. Feed this product and dog owning becomes a pleasure. Packed in 1-lb. cans, 18c each, 6 for \$1.00; 48 cans or 1 case, \$6.75.

HEMO-RATION is a blood-making food especially recommended for breeding animals of both sexes. For anemic or convalescent animals it is invaluable. We are advised by some prominent veterinarians that Hemo-Ration is a wonder-food in treating cases of rickets and chokes. It carries a large percentage of cod liver oil and is rich in organic iron and calcium phosphate. Packed in 1-lb. cans, 18c each, 6 cans for \$1.00; 48 cans or 1 case, \$6.75.

PUP-E-RATION contains red meat, organic iron, calcium phosphate, Norwegian cod liver oil and marrow-fat—the elements necessary for growth of body, bone and coat. This is a perfect food for puppies. The little fellows require a food that is rich in protein and vitamins. Packed in 1-lb. cans, 20c, 6 cans \$1.10.

The Cat

Love Your Pets—Keep Them Well



Cats, to be a pleasure to look upon and to fill that friendly feeling in the mind and loving spot in the heart, must be in good health and form. Success with cats, whether for exhibition, breeding or home comfort, depends upon the condition in which they are kept and the care bestowed upon them. Exercise is especially necessary for cats in city homes, and the Catnip Ball is a desirable

aid in this direction. The average life of the cat is from twelve to fifteen years.

Whenever a cat becomes ill it seeks dark quarters, loses the appetite, nose becomes hot, coat dry and harsh, sleeps most of the time, and when in pain evinces it by crying. Green grass is a natural remedy for cats when attacked by digestive troubles, and when at liberty, if possible, they will help themselves.

Katonic, a Tonic—Simply works wonders in keeping cat or kitten in condition. Price 25c

WORMS—Don't let them kill your valuable pet.

Daniels' Worm Drops—Capsules 65c, or Liquid 50c, get the worms and saves the cat.

Daniels' Tasteless Laxative must be given with either of the above mentioned worm expellers. Two sizes, 35c and 65c.

Bronchial Drops—For treating bronchitis, colds, distemper, influenza, sore throat. Two sizes, 35c and 65c.

H. B. O.—The famous Hairball Remedy for cats and kittens, 65c.

Fleeko—For removing fleas, especially for long-haired pets, 65c.



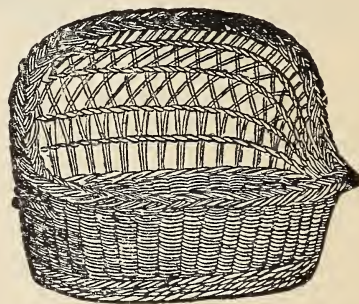
Diarrhoea Pills—For diarrhoea and dysentery, 65c.

Eye Wash—For weak or watery eyes, 65c.

Scat Powder—A grooming and cleansing powder for the comfort of cats and toy dogs, 25c.

Sulphur Compound Tablets—A cooling remedy in Eczema, Itching Skin, Mangy condition, Skin Eruptions and blood purifying, 50c.

V. M. Capsules—For mother and kitten. Think of V. M. Capsules when you want to build strength and growth. 50c.



Just a Moment, Please

Include in your purchase for your cat a package of loose catnip 15c, also a Dr. Daniels' catnip ball 20c, and a catnip mouse 15c.

Cat Foods include Spratt's Cat Food with milk, fish or meat, Hemo Ration, Spratt's Fibo and Spratt's Malted Kitten Food.

Give these pages more than the "once over." Note the varied and useful helps mentioned, not the least of which is our offer free of Dr. Daniels' useful Cat Book.

If you have any sort of pet we can be of service to you.

EVERYTHING FOR PETS AT

F. H. EBELING'S 217 SO. WARREN STREET



DELCREO Dog Remedies

are procurable at Ebeling's. They are the latest and most successful means of combating disease among animals. They never fail when administered in time.
Used and recommended by the leading breeders and fanciers.

COMPLETE LIST OF DELCREO DOG REMEDIES

As Carried in the Pet Stock Department of the
Ebeling Store

DELCREO for Distemper, Black Tongue, Colds, Pneumonia, Diarrhoea and other diseases of germ origin 4 oz. **\$1.50**; 16 oz. **\$5.00**
Delcreo Tonic and Conditioner..... 2 oz. **\$.75**
Soluble Sulphur Compound for Canker of the Ear, Eczema, Rheumatism, etc..... 4 oz. **\$1.00**
Soluble Sulphur Compound Capsules, a convenient form of Sulphur Compound. Box of 40 capsules..... **\$1.00**
Soluble Sulphur Compound Bath for Fleas, Mange, Eczema, etc. An invigorating antiseptic bath liquid..... 4 oz. **\$1.00**

Soluble Sulphur Compound Ointment for Mange, Wounds, Cuts, Sores, etc. A soothing and healing antiseptic salve..... 1 oz. **\$.50**

Sulfminol for general and chronic constipation 4 oz. **\$.50**

Delcreo Dog Soap for cleansing and stimulating the skin and coat. A pure neutral soap. 4 oz. cake **\$.25**

Delcreo Roundworm and Hookworm Capsules in three sizes—for Large Breeds, for Small Breeds and for Small Puppies and Small Toys..... Box **\$.50**

Delcreo Laxative, especially prepared for use with Delcreo Worm Capsules..... 4 oz. **\$.25**

Delcreo Tapeworm Tablets..... Box **\$.75**

Ask Today for the Delcreo Kennel Manual Free on Request.

Q-W Dog Remedies

We have added to the list of remedies sold in the pet department of the F. H. Ebeling store through the high recommendations and persistent demands of local kennel operators.

Thousands of faithful, trusting dogs are killed every year by nasty shoddy drug dope cheaply thrown together by quacks who don't own a single dog. Poisonous messes made not for the dog, but merely for the dollar there is in them.

Your dog is helpless. He has to take whatever you give him. Why betray him with a cheap catch-penny poisonous mess when you can give him a remedy as pure and wholesome as you would like him to give you if he were the master and you the dog? Surely the Golden Rule is broad enough to have just a little application to our faithful canine friend!

Q-W Mange and Flea Soap.—A wonderful sulphocresol cleanser, skin healer, vermin killer, for dogs, cats and all other animals. **\$1.00**

Q-W Condition Powder.—Blood purifier, stomach cleanser, digestion corrective, bowel regulator. Puts and keeps dogs in condition. Gives pep, ginger. **\$1.00**

Q-W Mange Cure.—Instantly stops the itch; quickly heals up mange, eczema and other skin eruptions on all domestic animals, grows luxuriant hair. **\$1.00**

Q-W Worm Expeller.—Expels in one hour all intestinal parasites from dogs, cats, foxes, rabbits, etc., including round, hook and seat worms. Quick, sure, safe. **\$1.00**

Q-W Tape Worm Expeller.—Quickly eradicates tape worms, expels head (the important part) as well as segments. **\$1.00**

Q-W Liquid Sulphur Compound.—For bathing dogs with itch, giving sulphur baths, cooling blood in eczema and giving dogs sulphur in their drinking water. **\$1.00**

Q-W Verminol.—Powerful disinfectant, germ and vermin killer, dog dip. Kills fleas, lice, mites instantly. **Pt., \$1.25**

Q-W Phosphated Cod Liver Oil Compound with Lime.—Quickest food builder for wasting diseases, distemper, run-down condition, rickets, etc. Marvelous bone grower for pups. Indispensable in kennel. **Pt., \$1.25**

Q-W Tonic and Red Blood Builder.—Quick, sure pick-up tonic for anemic run-down animals or humans. Valuable in distemper. **\$1.00**

Q-W Distemperol.—For the treatment of distemper, carrying animal safely through disease. **\$2.00**

Q-W Black Tongue Mixture.—For prevention and cure of black tongue. **\$2.00**

Q-W Flea Oil and Coat Grower.—For killing all vermin on dogs and other domestic animals without wetting, and keeping off flies, fleas, lice, etc. Instantly applied. Simply rub into coat. **Pt., \$1.00**

Q-W Constipation Pills.—Quick, safe laxative. No evil after-effects. Splendid for humans, too. **\$1.00**

Q-W Rheumatism Tablets.—For rheumatism, stiff joints, partial paralysis and gout. **\$1.00**

Q-W Liniment.—For sprains, bruises, rheumatic or muscular cramps or pains, kennel stiffness, and partial paralysis. **\$1.25**

Q-W Fit and Sedative Tablets.—For fits, convulsions and nervous dogs. Soothes nerves, kills pain, promotes sleep. **\$1.25**

Q-W Cough Mixture.—For colds, coughs and all bronchial troubles. **\$1.00**

Q-W Diarrhoea and Dysentery Cure.—Stops loose bowels, soothes and heals inflamed intestines. **\$1.25**

Q-W Breeding Tablets.—For stimulating sexual powers in dogs. Makes males serve vigorously, bring backward bitches in season, induce conception. **\$2.00**

Q-W Eye Salve.—For weak, sore, running, mattered, inflamed eyes and lids and for film or abscess on eye. Strengthens weak eyesight. **\$1.00**

Q-W Ear Canker Cure.—For internal sores, abscesses, cankers, etc., of the ear, causing dog to hold head on one side, scratch ear, etc. **\$1.25**

Q-W Flea Powder.—For dry-killing fleas on dogs, especially suited to small dogs and for use in winter. **Per box, \$1.00**

Q-W Healing Salve.—The pride of the Q-W, a wonderful quick healer for all sores, cuts, tears, ulcers, cankers, rashes, blisters, sore footpads, etc. Fine for hunting dogs that get torn up. Good for other animals, too, and for humans. **\$1.00**

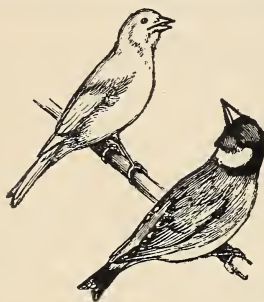
Bird Cages, Pet Supplies

Home Loving People of Today Are Constantly Striving to Make Their Homes More Homelike

They accomplish this by additions to their fireside—pets, which add human appeal to the home. Every home has its watchful dog, its affectionate cat, its singing canary, its beautiful playful parakeets, its talking and singing "POLLY," and its graceful, silent moving goldfish.

To this end we can serve you. Our pet supplies and furnishings are the most complete in Central New York. Everything for the betterment of health and comfort can be procured here. Prepared foods and timely remedies always in stock.

SINGING CANARIES THAT ARE GUARANTEED



Soon we will be importing the best grade of Singing Canaries from Germany. Every bird is sold on a ten-day trial. If you are not pleased, the bird may then be exchanged. See the beautiful Parakeets and Finches. In cages we have everything.

BIRD SUPPLIES

Ebeling's Special Seed Mixture for Canaries and Cage Birds is unexcelled. It forms a diet that will maintain perfect health and song. Lb., 20c.

Wheel's Seed Tonic and Song Restorer is the result of successful German breeders to produce a natural seed tonic and song restorer free from sugar or any medicinal properties. It adds variety to the diet, builds and strengthens the body, improves the song, and adds brilliancy to the plumage. Use it. 30c.

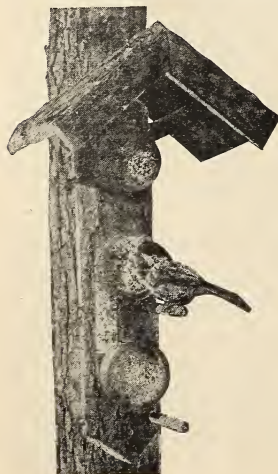
Ebeling's Special Parrot Mixture for Parrots, Macaws, Cockatoos, Lories, and the larger varieties of Parakeets and Love Birds, is made by our own specialist. It includes a variety of choice re-cleaned seeds and nuts that form a balanced and varied diet. Feed it always. 2 lbs. 25c.

Ebeling's Parakeet and Love Bird Mixture is especially compounded for the Australian Shell Parakeets and the small varieties of Love Birds. Lb., 20c.

Washed Silver Sand of unsurpassed quality for canary cages. 2 lbs. 10c; 6 lbs. 25c. Why pay more elsewhere?

Bird Houses, Bird Baths, Feeding Stations in All Sizes, Styles and Prices

And all Kinds of Feeds, Remedies and Accessories Which Attract Birds Are Sold at Ebeling's



We may not all be interested, but there are few but what enjoy the early morning song of birds, or appreciate their beautiful and vari-colored plumage as they flit from tree to shrub in our garden and lawn.

Everything for Birds can be procured at Ebeling's. Wren Houses, Blue Bird Houses, Robin Shelters, Bird Baths, Feeding Stations, Feeds, Remedies and other accessories.

When Winter comes, the birds that have remained with us

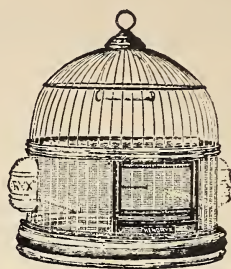
are exposed to the mercy of the elements, and without the food which provide comfort and warmth. A few handfuls of Ebeling's Special Grain Mixture and one of our attractive winter feeding stations, a few suet cakes with walnut meats provide warmth and gives the bird lover the satisfaction of paying his bird friends of the summer season.

Birds attracted by such kindness through the winter will remain and make their homes in the spring, and become permanent residents.

At Ebeling's can be found all needfuls for the Cage Birds—Cages, Seeds, Tonics, Moulting Remedies, extra Dishes and Cups. Also Singing Canaries, Finches, Love Birds, Parrots and Parakeets.

Window Display—Watch our window for Attractive Displays of Birds, Cats, Dogs and other pets during the fall and winter.

BIRD CAGES



Ebeling's carry the finest quality of Domestic and Imported Cages. Cleanliness and sanitation are of great importance. These cages have the latest improvements.

CAGE STANDS

Sanitary bath houses which attach to the outside of the cage eliminate the splashing and spattering when your birds take everything for the convenience of the bird fancier.

their bath. We provide

Ebeling's Special Canary Mixture.....	\$.20
Plain Canary Seed.....	.20
Hemp.....	1 lb. 15c; 2 lbs. .25
Sweet German Rape.....	.20
Sunflower.....	1 lb. 15c; 2 lbs. .25
Bird Millet, 1 lb.....	.20
Unhulled Rice, 1 lb.....	.20
Lettuce Seed, 1 oz.....	.05
Bird Peppers, 1 oz.....	.10
Washed Gravel, 2-lb. pkg.....	.10
Chinese Blue Maw, 1 lb.....	.25
Cuttle Bone, large.....	.05

We carry extra water and food cups and swings for all types of cages. A complete line of bathing dishes, bath houses and treat dishes, etc.



Parrot



Standard Earthenware Flower Pots—Paper Pots

Full inside measurement. No charge for packing. Flower Pots and Bulb Pots can not be sent by mail, but only by express or freight, at customer's expense.

Sizes	Each	Doz.	100	Sizes	Each	Doz.	100
1¾ in.	\$.03	\$.25	\$1.25	6 in.	\$.10	\$1.00	\$ 7.29
2 in.	.03	.25	1.25	7 in.	.17	1.70	12.15
2½ in.	.03	.25	1.35	8 in.	.25	2.50	17.75
3 in.	.03½	.30	1.75	9 in.	.40	3.75	27.00
3½ in.	.04	.35	2.25	10 in.	.50	5.00	36.45
4 in.	.05	.45	2.75	12 in.	1.00	9.90	74.25
5 in.	.07	.70	4.85	14 in.	1.50	16.20	121.50

FLOWER POT SAUCERS

Sizes	Each	Doz.	100	Sizes	Each	Doz.	100
3 in.	\$.03	\$.25	\$1.62	8 in.	\$.10	\$1.00	\$7.43
4 in.	.03	.30	2.03	9 in.	.15	1.35	10.13
5 in.	.04	.35	2.70	10 in.	.18	1.75	12.15
6 in.	.05	.50	4.05	12 in.	.25	2.50	18.23
7 in.	.08	.75	5.40	14 in.	.35	4.00	30.38

ROUND BULB OR LILY PANS

Width	Height	Each	Doz.	100
4 in.	3 in.	\$.05	\$.40	\$2.70
5 in.	3 in.	.07	.70	4.85
6 in.	3½ in.	.10	1.00	7.35
7 in.	4 in.	.17	1.75	12.15
8 in.	4½ in.	.25	2.50	17.55
9 in.	5 in.	.40	4.00	27.00
10 in.	6 in.	.50	5.00	36.50
14 in.	7 in.	1.50	16.00	121.50

NEPONSET WATERPROOF PAPER FLOWER POTS

	Doz.	100	1000
2¼ in. pots.....	\$.11	\$5.50	\$4.40
2½ in. pots.....	.13	.60	5.00
3 in. pots.....	.18	.80	6.70
3½ in. pots.....	.20	1.00	9.00
4 in. pots.....	.25	1.30	11.40
5 in. pots.....	.30	2.00	17.75
6 in. pots.....	.45	2.70	21.75

Florists' Sundries

Thermometers	Bulb Syringes
Tin Foil	Glazing Points
Green Moss	Flower Pots
Raffia and Reed	Hyacinth Glasses
Immortelles	Hanging Baskets
Mastica	Flower Supports
Plant Labels	Plant Stands
Fumigators	Trellises
Shears	Scissors
Fine Cutlery	Syringes for Plants
Flower Pot Brackets	Lawn Seed and Fertilizers
Bird Supplies	Wire Plant Supports

Basket and Tray Bottoms

	Each	Each
3½-inch round....	\$.10	10 -inch round... \$.35
4 -inch round....	.12	11½-inch round... .45
5 -inch round....	.15	12 x 19 oval, plain... .75
6 -inch round....	.15	12 x 19 oval, perf'd 1.00
7 -inch round....	.20	8 x 12 oval, plain... .40
8 -inch round....	.25	18-inch Table Lamps 1.00

Fancy designs on order at reasonable prices.

Galvanized Window Boxes In Various Styles and Sizes

Grape Baskets, Berry Baskets

We carry a large stock of Baskets at the lowest market price

Flower Tub, All Sizes

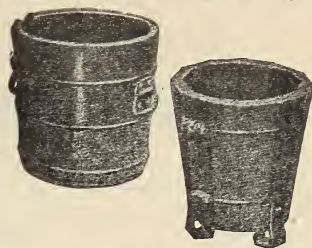
\$1.25 \$1.50 \$1.75 \$2.00 \$2.50 \$3.50

Flower Pots

Hanging
Baskets

Fern Pans

Lily Pans



Wire Hanging Baskets

10-inch.....	\$.40 each	15-inch.....	\$.60 each
12-inch.....	.50 each	18-inch.....	.75 each

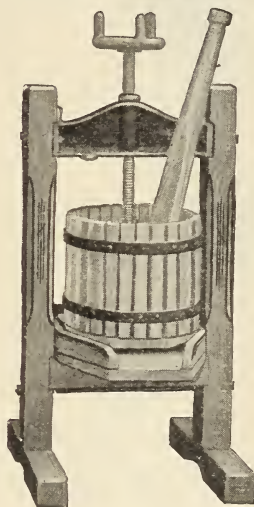
REED

No. 1..lb.	\$1.50	oz. 15c	No. 4..lb.	1.35	oz. 12c
No. 2..lb.	1.45	oz. 15c	No. 5..lb.	1.10	oz. 10c
No. 3..lb.	1.40	oz. 15c	No. 6..lb.	.95	oz. 10c
Raffia, natural colors.....	lb.	.50	oz. 5c		
Raffia, all colors.....	lb.	1.50	oz. 20c		
Chair cane, 5 sizes.....	\$1.25 to \$1.75 per bunch.				

CIDER MILLS, WINE and JELLY PRESSES

Come in and look over our complete line of Cider Mills, Wine and Jelly Presses, Best Quality White Oak Kegs, Stone Ware Jugs and Jars in all sizes, Bottle Caps and Cappers, Fermentation Tubes, Syphon Tubing, Sulphur Sticks, Sulphur Candles and Bungs in all sizes.

Cereal Wheat, Re-cleaned Rye, Barley, Corn. See the Famous Red Cross and Juicy Fruit Presses at Ebelings



CROCKS, JUGS AND JARS

CROCKS

1 gal.....	\$.23
2 ".....	.46
3 ".....	.69
4 ".....	.92
5 ".....	1.15
6 ".....	1.38
8 ".....	2.00
10 ".....	2.50
12 ".....	3.00
15 ".....	4.00
20 ".....	5.40

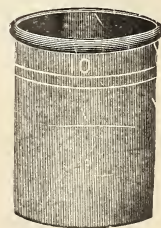
Covers extra

JUGS

1 gal.....	\$.30
2 ".....	.55
3 ".....	.90
4 ".....	1.15
5 ".....	1.50

BUTTER JARS

2 lb.....	\$.15
3 ".....	.17
5 ".....	.20



Come to Ebeling's for Hardware

ALUMINUM LEVELS

Sand's



Stanley's

A Guarantee Tag with Every Level. The Favorite with Masons and Carpenters.

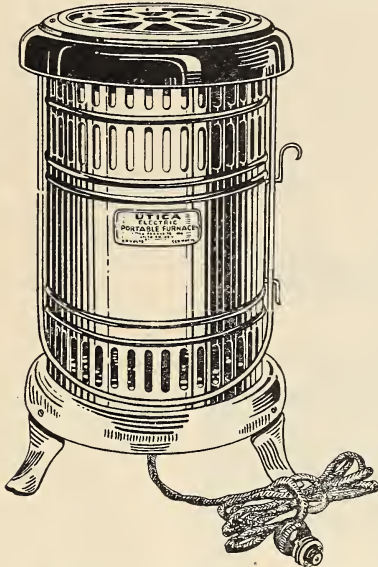
Other Tools—Yes! We have a Complete Line.

Our Prices Are Right.



The cold days and nights are now here. We are ready for them with our New

UTICA ELECTRIC HEATER



70 cubic feet of heated air per minute pours from the top of a Utica. The Utica gives three times the heat of other heaters consuming the same amount of current.

AQUARIUMS

No Better Assortment of High Grade Aquariums Can Be Found in This City. In Aquarium Novelties We have Everything

AQUARIUM PLANTS

AND

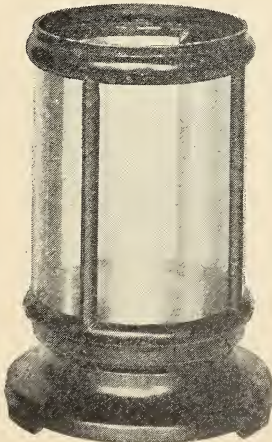
NOVELTIES

OF ALL KINDS

FANCY GOLDFISH

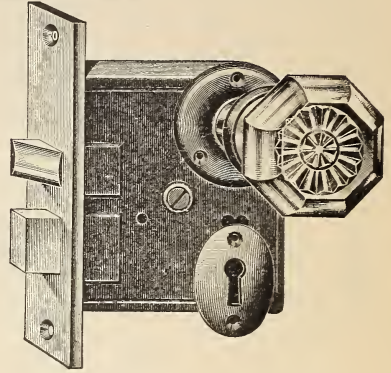
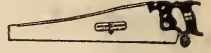
TADPOLES

MERMAIDS



THE ATKIN SAW

never fails to give satisfaction. We have them in numerous sizes, No. 400, No. 53, No. 65. Also Junior Mechanics Flooring Saws, Compass Saws, Pruning Saws.



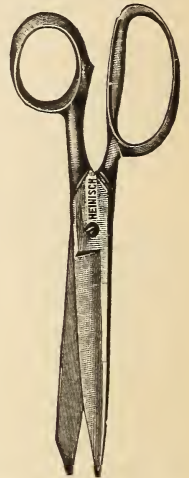
Have you looked at our line of

Glass Knob Lock Sets

and Brass Lock and Latch Sets. The trimmings on the house in these days is an important factor in the new home.

STANLEY GARAGE DOOR SETS

No home is complete without a garage. Have a Door Holder that will hold the door open. Every owner of a car will realize the usefulness of this when the winds blow.



Shears

Scissors

Pocket Knives

in all styles and prices. We carry the best value in Syracuse. Padlocks and Night Latches. A full line of Brooms and Brushes, Wire Refuse Burners, Garbage Pails, Ash Cans.



AQUARIUMS DIP NETS WASHED SAND
PEARL CHIPS FISH FOOD CASTLES

Read Charles Page's book, THE AQUARIA, and avoid mistakes. Price 30c.

F. H. EBELING, *Seedsman*
TOOLS AND IMPLEMENTS. FARM, GARDEN
POULTRY, BIRD, DOG and PET SUPPLIES

ENCLOSED FIND \$_____FOR WHICH PLEASE SEND ME THE FOLLOWING:

[illegible]

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Dairy Supplies	51	Glazing Machine	53	Lime Broadcasters	52	Separators	51	Window Boxes	68

F. H. EBELING

SYRACUSE, N. Y.



Front View—F. H. Ebeling's Retail Store, 217 South Warren St., Syracuse, N. Y.

WAREHOUSE, 538-540 Canal Street
Corner New Erie Boulevard and Howard Street

Everything for

FARM

BIRDS

GARDEN

DOGS

LAWN

PETS

SEEDS, HARDWARE,
IMPLEMENTS.

Poultry and Bird
Supplies
Dog Foods